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Note. When the specific epithet of a fungus has been derived from an adjectival specific epithet of its host plant, it has been customary, in this *Index*, to alter the ending where necessary to agree in gender and case with its new (fungus) generic name, in accordance with Art. 33 para. 3 of the *International Code of Botanical Nomenclature*, 1952. This article has been amended, as Art. 23 of the *International Code of Botanical Nomenclature*, 1956, to allow in such an example an adjectival specific epithet of the host plant to be treated as a substantive (i.e. standing for a binomial). *Venturia tomentosae* (p. 327 below), from the host plant *Cotoneaster tomentosa*, is thus now permissible.

Achrotelium lucumae Cummins in *Mycologia*, 48, p. 601, 1956 on *Lucuma nervosa*.—Florida, U.S.A. (*Achrotelium lucumae* (Arth. & J. R. Johnston) Cummins, nom. nud. [this *Index*, 1, pp. 2 and 87].)

Acadium ellipticum Batista apud Batista, Nascimento & Vital in *Publ. Inst. Mic. Univ. Recife*, 33, p. 3, 1956 on *Colletotrichum* on *Bromelia*.—Brazil.

Aecidium barleriae Salam & Ramachar in *J. Indian bot. Soc.*, 35, p. 152, 1956 on leaves of *Barleria cuspidata*.—Hyderabad-Deccan Province, India.

— **barnadesiae** Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 471, 1956 on *Barnadesia dombeyana*.—Ecuador.

— **colchici** Ahmad in *Biologia*, 2, p. 94, 1956 on leaves of *Colchicum luteum*.—West Pakistan.

*— **cryptostemmatis** W. L. Waterhouse in *Proc. Linn. Soc. N.S.W.*, 77 (1952), p. 264, 1953 on leaves of *Cryptostemma calendulaceum*.—New South Wales, Australia.

— **culciti** Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 472, 1956 on *Culcitium adscendens*.—Ecuador.

— **heterothalami** Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 459, 1956 on *Heterothalimus acaulis*.—Bolivia.

— **iresines** Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 445, 1956 on *Iresine*.—Ecuador.

— **ulluci** Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 454, 1956 on *Ullucus tuberosus*.—Bolivia.

— **werneriae** Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 473, 1956 on *Werneria pygmaea*.—Bolivia.

— **wernericola** Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 473, 1956 on *Werneria nubigena*.—Bolivia.

Agaricus australiensis Hansford [as 'Agaricus (*Psalliot*) australiensis'] in *Proc. Linn. Soc. N.S.W.*, 81, p. 41, 1956 in a garden.—New South Wales, Australia.

Aleurodiscus berggreni (Cke.) G. H. Cunningham in *Proc. Linn. Soc. N.S.W.*, 77 (1952), p. 277, 1953. (Syn. *Hypocreya berggreni* Cke.).

— **zealandicus** (Cke. & Phil.) G. H. Cunningham in *Proc. Linn. Soc. N.S.W.*, 77 (1952), p. 298, 1953. (Syn. *Cyphella zealandica* Cke. & Phil.).

***Allophylaria schieferdeckeriana** Kirschstein in Schieferdecker, *Die Schlauchpilze der Flora von Hildesheim*, p. 92, 1954 on bark of Willow [*Salix*].—Germany.

Alternaria amaranthi (Peck) Venkatakrishnaiah (this *Index*, 2, p. 143). Combination already made by Van Hook in *Proc. Indiana Acad. Sci.*, 1920, p. 214, 1921.

***Amanita loricata** Gentilli in *W. Aust. Nat.*, 4, p. 59, 1953.—Western Australia.

*— **preissii** (Fries) Sacc. forma *levis* Gentilli in *W. Aust. Nat.*, 4, p. 29, 1953 usually near *Banksia* and *Casuarina*.—Western Australia.

*— — forma *ochroterrea* Gentilli in *W. Aust. Nat.*, 4, p. 30, 1953.—Western Australia.

***ANDOHAELOA** Manier in *Nat. malgache*, 7, p. 89, 1955.—Trichomycetes. Sp. typ.: *A. pauliani*.

*— *pauliani* Manier in *Nat. malgache*, 7, p. 89, 1955 in intestine of *Myriapoda-diplopoda*.—Madagascar.

Angiopsora africana Cummins in *Bull. Torrey bot. Cl.*, 83, p. 221, 1956 on *Brachiaria decumbens*.—Uganda.

— **aurea** Cummins in *Bull. Torrey bot. Cl.*, 83, p. 221, 1956 on *Panicum olivaceum*.—Honduras.

— **digitariae** Cummins in *Bull. Torrey bot. Cl.*, 83, p. 222, 1956 on *Digitaria chinensis*.—Formosa.

Anthostomella ananassicola Batista & Maia apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 72, 1955 on dead leaves of *Ananas*.—Brazil.

Anthracobia humana (Vel.) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 75, 1948. (Syn. *Lachnea humana* Vel.).

— **melaloma** (Alb. & Schw. ex Fr.) Boudier forma *combusta* (Vel.) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 78, 1948. (Syn. *Lachnea melaloma* (Alb. & Schw. ex Fr.) Sacc. var. *combusta* Vel.).

— — forma *dubia* (Vel.) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 78, 1948. (Syn. *Lachnea melaloma* (Alb. & Schw. ex Fr.) Sacc. var. *dubia* Vel.).

— **ramosa** (Vel.) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 74, 1948. (Syn. *Lachnea ramosa* Vel.).

Apiospora camarae Lucas in *Agron. lusit.*, 18, p. 111, 1956 on twigs of *Osyris alba*.—Portugal.

ARACHNOCREA Moravec in *Bull. Soc. mycol. Fr.*, 72, p. 161, 1956.—Hypocreales: Nectriaceae. Sp. typ.: *A. stipata*.

[*Arachnocrea*] *citrinella* (Ellis) Moravec *i*
Bull. Soc. mycol. Fr., **72**, p. 165, 1956. (Syn.
Hypocrea citrinella Ellis).
— *stipata* (Fuckel) Moravec in *Bull. Soc.*
mycol. Fr., **72**, p. 162, 1956. (Syn. *Hypocrea*
stipata Fuckel).
Arcyria carletae Hertel in *Dusenia*, **5**, p. 120,
1954.—Brazil.
— *fonseciae* Hertel in *Dusenia*, **5**, p. 119, 1954.
— Brazil.
— *stellfeldii* Hertel in *Dusenia*, **5**, p. 122, 1954.
— Brazil.
Arnaudiella bancroftii Hansford in *Proc.*
Linn. Soc. N.S.W., **81**, p. 24, 1956 on leaves of
Eucalyptus.—Queensland, Australia.
Arthrinium spegazzinii Subramanian nom.
nov. in *Proc. Indian Acad. Sci. Sect. B*, **44**,
p. 124, 1956 on *Saccharum officinarum*.—
Argentina. (Syn. *Microtypha saccharicola*
Speg., non *Arthrinium saccharicola* Stevens,
1917).
Ascobolus notatus Batista & Vital [as 'notata']
in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 61,
1955 on cattle dung.—Brazil.
Ascochyta sinapis Rodigin in *Eot. Matep.*
(*Not. syst. Sect. crypt. Inst. bot. Acad. Sci.*
U.S.S.R.), **11**, p. 165, 1956 on leaves of
Sinapis alba.—Bashkir Republic, U.S.S.R.
**Asellaria armadillidii* Tuzet & Manier in
Ann. Sci. nat., Zool., Sér. XI, **15**, p. 377, 1953
in *Armadillidium simoni* subsp. *assimile*.—
France.
*— *gramenei* Tuzet & Manier in *Ann. Sci.*
nat., Zool., Sér. XI, **12**, p. 18, 1950 in intestine of
Asellus aquaticus.—France.
*— *ligiae* Tuzet & Manier in *Ann. Sci. nat.*,
Zool., Sér. XI, **12**, p. 18, 1950 in intestine of
Ligia mediterranea.—France.
Aspergillus clavattonanicus Batista, Maia &
Alecrim [as 'clavato-nanica'] in *Ann. Fac.*
Med. Univ. Recife, **15**, p. 197, 1955 on man.
— Brazil.
*— *niveus* Blochwitz var. *bifidus* Maia &
Alecrim [as 'bifida'] in *Ann. Fac. Med. Univ.*
Recife, **15**, p. 189, 1955.—Brazil.
*— *oryzae* (Ahlb.) Cohn var. *microvesiculosus*
Ohara in *J. agric. chem. Soc. Japan*, **26**,
p. 550, 1952.
*— var. *tenuis* Ohara in *J. agric. chem. Soc.*
Japan, **26**, p. 550, 1952.
*— var. *variabilis* (Gasp.) Ohara in *J. agric.*
chem. Soc. Japan, **26**, p. 550, 1952. [Syn.
Aspergillus variabilis Gasperini].
Aspropaxillus candidus (Bres.) Moser in
Helmut Gams' Kleine Kryptogamenflora von
Mitteleuropa, II, p. 66, 1953. [Syn. *Clitocybe*
candida Bres.].
Athelia byssinella (Bourd.) Parker-Rhodes in
Ann. Bot., Lond., N.S., **20**, No. 78, p. 258,
1956. [Basonym not cited.]
— *mutabilis* (Pers. ex Fr.) Parker-Rhodes in
Ann. Bot., Lond., N.S., **20**, No. 78, p. 258,
1956. [Basonym not cited.]
Attractium indicum Chona & Munjal [as
'Attractium'] in *Indian Phytopath.*, **8** (1955),
p. 194, 1956 on Scale insects on *Morus alba*.—
Bengal, India.
Auerswaldia robertiana Chevaugeon, *Les*
Maladies Cryptogamiques du Manioc en
Afrique Occidentale (*Encycl. Mycol.* 28), p. 22,
1956 on dry branches of *Manihot utilissima*.
—Ivory Coast.
**Barlaeina rosea* Kirschstein in Schieferdecker,
Die Schlauchpilze der Flora von Hil-
desheim, p. 97, 1954 on ground in beech-wood.
—Germany.
**Belonium flocculum* Kirschstein in Schieferdecker,
Die Schlauchpilze der Flora von
Hildesheim, p. 87, 1954 on bark of Willow
[*Salix*].—Germany.
Bolbitius vitellinus (Pers. ex Fr.) Fr. var.
fragilis ([L.] Fr.) Moser in *Helmut Gams'*
Kleine Kryptogamenflora von Mitteleuropa, II,
p. 191, 1953. [Syn. *Bolbitius fragilis* [L.] Fr.].
— var. *titubans* (Bull. ex Fr.) Moser in
Helmut Gams' Kleine Kryptogamenflora von
Mitteleuropa, II, p. 191, 1953. [Syn. *Agaricus*
titubans Bull. ex Fr.].
Botryodiplodia amygdali (Cooke & Massee)
Hansford [nomen provisorium?] in *Proc.*
Linn. Soc. N.S.W., **81**, p. 43, 1956. (Syn.
Dothiorella amygdali Cooke & Massee).
Bovista radicata (Dur. & Mont.) Vasilkov in
Acta Inst. bot. Komarov. Acad. Sci. URSS,
Pl. Crypt., Ser. II, **9**, p. 455, 1954. (Syn.
Bovistella radicata (Dur. & Mont.) Pat.
[*Lycoperdon radicatum* Dur. & Mont.]).
**Brettanomyces schanderlii* Peyraud &
Domercq in *Arch. Mikrobiol.*, **24**, p. 279,
1956 from wine.—France.
*— *vini* Peyraud & Domercq in *Arch. Mikrobiol.*,
24, p. 279, 1956 from wine.—France.
BROOKSIA Hansford in *Proc. Linn. Soc.*
N.S.W., **81**, p. 32, 1956.—Pseudosphaerales.
Sp. typ.: *B. tropicalis*.
— *tropicalis* Hansford in *Proc. Linn. Soc.*
N.S.W., **81**, p. 33, 1956 on leaves of *Syzygium*.—New Guinea. (Conidia: *Helicosporium*
hendrickxii Hansford.)
Bubakia erythroxyli Cummins [as 'erythroxylonis'] in *Mycologia*, **48**, p. 601, 1956 on
Erythroxylon [*Erythroxylum*] *havanense*.—
Cuba. (*Bubakia erythroxylonis* (Graz.) Cummins, nom. nud. [this Index, 1, p. 2]).
Camarops nigricans Chevaugeon, *Les Maladies*
Cryptogamiques du Manioc en Afrique
Occidentale (*Encycl. Mycol.* 28), p. 48, 1956 on
dead branches of *Manihot utilissima*.—Ivory
Coast.
CAPILLIPES Santesson in *Friesia*, **5**, p. 390,
1956.—Discomycetes. Sp. typ.: *C. cavorum*.
— *cavorum* Santesson in *Friesia*, **5**, p. 390,
1956 on plant débris.—Swedish Lapland.
CARBOMYCES Gilkey in *N. Amer. Flora*,
Ser. II, Pt 1, p. 27, 1954.—Tuberales:
Terfeziaceae. Sp. typ.: *C. emergens*.
— *emergens* Gilkey in *N. Amer. Flora*, Ser. II,
Pt 1, p. 27, 1954 on sandy soil under shrubs.
— New Mexico, U.S.A.
— *longii* Gilkey in *N. Amer. Flora*, Ser. II,
Pt 1, p. 27, 1954.—New Mexico, U.S.A.
Cephalosporiopsis asterinicola Batista &
Nascimento apud Batista, Nascimento &
Vital in *Publ. Inst. Mic. Univ. Recife*, **33**, p. 4,
1956 on *Parasterina cynophallophorae* on
Capparis cynophallophora.—Brazil.
Cephalosporium humicola (Oud.) Batista &
Maia in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p.
90, 1955. (Syn. *Tilachlidium humicola* Oud.).
Ceratocystis albida (Mathiesen-Käärik) Hunt
in *Lloydia*, **19**, p. 48, 1956. (Syn. *Ophiostoma*
albidum Mathiesen-Käärik).
— *brunneociliata* (Mathiesen-Käärik) Hunt
in *Lloydia*, **19**, p. 32, 1956. (Syn. *Ophiostoma*
brunneociliatum Mathiesen-Käärik).
— *clavata* (Mathiesen) Hunt in *Lloydia*, **19**,
p. 37, 1956. (Syn. *Ophiostoma clavatum*
Mathiesen).

[*Ceratocystis*] *fagacearum* (Bretz) Hunt in *Lloydia*, 19, p. 21, 1956. (Syn. *Endoconiophora fagacearum* Bretz).

— *floccosa* (Mathiesen) Hunt in *Lloydia*, 19, p. 36, 1956. (Syn. *Ophiostoma floccosum* Mathiesen).

— *leptographioides* (Davidson) Hunt in *Lloydia*, 19, p. 28, 1956. (Syn. *Ceratostomella leptographioides* Davidson).

— *minor* (Hedge.) Hunt in *Lloydia*, 19, p. 47, 1956. (Syn. *Ceratostomella minor* Hedge.).

— *minuta* (Siem.) Hunt in *Lloydia*, 19, p. 49, 1956. (Syn. *Ophiostoma minutum* Siem.).

— *montium* (Rumb.) Hunt [as 'montia'] in *Lloydia*, 19, p. 45, 1956. (Syn. *Ceratostomella montium* Rumb.).

— *multianulata* (Hedge. & Davidson) Hunt in *Lloydia*, 19, p. 40, 1956. (Syn. *Ceratostomella multianulata* Hedge. & Davidson).

— *narcissi* (Limber) Hunt in *Lloydia*, 19, p. 50, 1956. (Syn. *Ophiostoma narcissi* Limber).

— *obscura* (Davidson) Hunt in *Lloydia*, 19, p. 30, 1956. (Syn. *Ceratostomella obscura* Davidson).

— *olivacea* (Mathiesen) Hunt in *Lloydia*, 19, p. 29, 1956 (Syn. *Ophiostoma olivaceum* Mathiesen).

— *perparvispora* Hunt nom. nov. in *Lloydia*, 19, p. 46, 1956. (Syn. *Ceratostomella microspora* Davidson, 1942, non *Ceratostomella microspora* Ell. & Ev., 1893).

— *rostrocylindrica* (Davidson) Hunt in *Lloydia*, 19, p. 26, 1956. (Syn. *Ceratostomella rostrocylindrica* Davidson).

— *tetropii* (Mathiesen) Hunt in *Lloydia*, 19, p. 45, 1956. (Syn. *Ophiostoma tetropii* Mathiesen).

Ceratophoma manihotica Chevaugeon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 56, 1956 on twigs of *Manihot utilissima*.—West Africa.

Cercospora abeliae Katsuki in *Ann. phytopath. Soc. Japan*, 20, p. 71, 1955 on *Abelia chinensis*.—Japan.

— *abeliae* Plakidas in *Mycologia*, 48, p. 384, 1956 on *Abelia grandiflora*.—Louisiana, U.S.A. [See *Cercospora abeliae* Katsuki, 1955, above.]

— *agharkari* Chidderwar in *Curr. Sci.*, 25, p. 267, 1956 on leaves of *Grevillea robusta*.—Bombay Province, India.

— *dichondrae* Katsuki in *Ann. phytopath. Soc. Japan*, 20, p. 72, 1955 on *Dichondra repens*.—Japan.

— *drymariae* Katsuki in *Ann. phytopath. Soc. Japan*, 20, p. 72, 1955 on *Drymaria cordata*.—Japan.

— *hostae* Hori ex Katsuki in *Ann. phytopath. Soc. Japan*, 20, p. 72, 1955 on *Hosta*.—Japan. (*C. hostae* Hori, nom. nud. in *Ann. phytopath. Soc. Japan*, 1, 4, p. 66, 1921).

— *medicaginicola* Karimov in Bot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 11, p. 129, 1956 on leaves of *Medicago sativa*.—Uzbekistan, U.S.S.R.

— *udagawana* Katsuki in *Ann. phytopath. Soc. Japan*, 20, p. 72, 1955 on *Hovenia dulcis*.—Japan.

Cercospora haloragidis Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 50, 1956 on leaves of *Haloragis*.—South Australia.

Cercosporidium desmanthi (Ellis & Kellerm.) Earle ex Dearnness in *Mycologia*, 33, p. 365, 1941. (Syn. *Cercospora condensata* Ellis & Kellerm. var. *desmanthi* Ellis & Kellerm.).

Cerotelium bauhiniae Thirumalachar & Yadav in *Indian Phytopath.*, 8 (1955), p. 144, 1956 on leaves of *Bauhinia anguinia*.—Bihar Province, India.

— *kirganeliae* Thirumalachar & Yadav in *Indian Phytopath.*, 8 (1955), p. 145, 1956 on leaves of *Kirganelia reticulata*.—Bihar Province, India.

Chaconia ingae (Syd.) Cummins in *Mycologia*, 48, p. 602, 1956. (Syn. *Maravalia ingae* Syd.).

Chaetomium angustispirale Sergejeva in Bot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 11, p. 115, 1956 on *Ulmus* wood.—U.S.S.R.

— *crispatoideum* Sergejeva in Bot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 11, p. 110, 1956 on immature fruits of *Tilia* in damp chamber.—Tatar Republic, R.S.F.S.R., U.S.S.R.

— *kurssanovianum* Beliakova in *Bull. Soc. Nat. Moscou*, 59, 6, p. 85, 1954.—? U.S.S.R.

— *perlucidum* Sergejeva in Bot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 11, p. 108, 1956 on dead herbaceous stems in damp chamber.—Ukraine, U.S.S.R.

— *semen-citriulli* Sergejeva in Bot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 11, p. 113, 1956 on fox dung in damp chamber.—Turkmenistan, U.S.S.R.

CHAETOPSINA Rambelli in *R. C. Accad. Bologna*, (Fis.), 3, p. 5, 1956.—Moniliales. Sp. typ.: *C. fulva*.

— *fulva* Rambelli in *R. C. Accad. Bologna*, (Fis.), 3, p. 5, 1956 on fallen leaves of *Cedrus deodara*, *Laurus nobilis*, *Quercus* and *Pinus*.—Italy.

CHAETOSCORIAS Yamamoto in *Papers Dedicated to Prof. Y. Tochinai and Prof. T. Fukushi in Commemoration of their Sixtieth Birthdays*, p. 56, 1955.—Capnodiaceae.

Chaetothyrium womersleyi Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 23, 1956 on leaves of *Syzygium*.—New Guinea.

***CHAINIA** Thirumalachar in *Nature*, Lond., 176, 4489, p. 935, 1955.—Actinomycetales. Sp. typ.: *C. antibiotica*.

***antibiotica** Thirumalachar in *Nature*, Lond., 176, 4489, pp. 934 and 935, 1955 from soil.—India.

Choiromyces cookei Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 17, 1954 in forest soil. —Washington, D.C., U.S.A.

Chrysomyxa empetri Schroeter ex Cummins in *Mycologia*, 48, p. 602, 1956 on *Empetrum nigrum*.—Norway.

— *piperiana* Saccardo & Trotter ex Cummins in *Mycologia*, 48, p. 602, 1956 on *Rhododendron macrophyllum*.—California, U.S.A.

***Chytrella argentea** Kirschstein in Schieferdecker, *Die Schlauchpilze der Flora von Hildesheim*, p. 86, 1954 on dead wood.—Germany.

Cladochytrium aurantiacum Richards in *Trans. Brit. mycol. Soc.*, 39, p. 264, 1956 in fragments of leaves, stems and roots of *Avena* and *Triticum*.—Wales.

Cladorrhinum maiae Batista apud Batista & Maia in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 87, 1955 from the air.—Brazil.

Cladosporium boenninghauseniae Togashi & Katsuki apud Katsuki in *Kyushu Agr. Res.*, 8, p. 84, 1951 on leaves of *Boenninghausenia albiflora*.—Japan.

[**Cladosporium**] *gougerotii* (Matruchot) Carrón & Silva in *Arch. Derm., Amer. Med. Ass.*, **72**, p. 532, 1955. (Syn. *Sporotrichum gougeroti* Matruchot).

Clavaria amoenooides Corner, Thind & Anand in *Trans. Brit. mycol. Soc.*, **39**, p. 483, 1956 on soil in pine-oak forest.—North-West Himalayas, India.

Clavulina bessonii (Pat.) Corner var. *incarnata* Thind & Anand in *J. Indian bot. Soc.*, **35**, p. 178, 1956 among mosses under oak forest.—United Provinces, India.

— *hispidulosa* Corner, Thind & Anand in *Trans. Brit. mycol. Soc.*, **39**, p. 481, 1956 on humus-soil in oak forest.—North-West Himalayas, India.

Clavulinopsis biformis (Atk.) Corner var. *elongata* Thind & Anand in *J. Indian bot. Soc.*, **35**, p. 174, 1956 under oak forest.—United Provinces, India.

— *septentrionalis* Corner in *Friesia*, **5**, p. 218, 1956 on soil in pine-wood.—Sweden.

Clitocybe lepistoides (Maire) Konrad & Maublanc, *Les Agaricales: Agaricaceae (Encycl. Mycol. 14)*, (1948), p. 395, 1949. (Syn. *Tricholoma lepistoides* Maire). [This antedates the combination by Pilát: this *Index*, **2**, p. 99.]

— *leucophylla* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 50, 1953. [Syn. *Agaricus leucophyllus* Fr.].

— *martiorum* Favre in *Schweiz. Z. Pilz.*, **34**, p. 170, 1956 in Picetum, among moss.—Switzerland.

Coccomyces martinae Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 40, 1956 on leaves of *Eucalyptus*.—Victoria, Australia.

***Coelomomyces tasmaniensis** Laird in *J. Parasit.*, **42**, p. 55, 1956 in *Aedes (Pseudoskusea) australis*.—Tasmania.

Coleophoma tylophorae Y. Morimoto (this *Index*, **2**, p. 265). See *Coleosporium tylophorae* below.

Coleosporium eupatorii Arthur ex Cummins in *Mycologia*, **48**, p. 603, 1956 on *Eupatorium lindleyanum*.—China.

— *tylophorae* Y. Morimoto in *J. Jap. Bot.*, **31**, p. 39, 1956 on leaves of *Tylophora japonica*.—Japan. [Listed in error as *Coleophoma tylophorae*, this *Index*, **2**, p. 265.]

Coleroa crepidis Togashi & Katsuki apud Katsuki in *Kyushu Agr. Res.*, **9**, p. 7, 1952 on leaves of *Crepis japonica*.—Japan.

Colletotrichum gloeosporioides Penz. forma specialis *manihotis* Chevaugeon [f. nov.], *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale (Encycl. Mycol. 28)*, p. 78, 1956 on leaves, petioles, twigs, stems and fruit of *Manihot utilissima*, *M. glaziovii*, *Jatropha multifida*, *J. curcas*, and on fruit of *Carica papaya*. [Latin diagnosis.]

— *quericum* Săvulescu & Negru (this *Index*, **2**, p. 231) was first published, with Latin diagnosis, in *Bull. stiint. Acad. române*, **5**, p. 421, 1953.

— *servazzii* Gallucci-Rangone in *Ann. Sper. agr.*, N.S., **9**, 3, Suppl., p. xiv, 1955 on leaves of *Cattleya*.—Italy.

***Collybia carneicolor** Ramain in *Rev. Mycol. Paris*, **21**, p. 62, 1952 under conifers.—France.

Conocybe ochracea (Kühner) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 444, 1950. (Syn. *Conocybe siliginea* (Fr.) Kühner var. *ochracea* Kühner). [This antedates the combination by Kühner & Romagnesi: this *Index*, **2**, p. 232.]

— *rabenhorstii* (Fr.) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 445, 1950. (Syn. *Agaricus rabenhorstii* Fr.).

Cordana gilbertiae Togashi & Katsuki apud Katsuki in *Kyushu Agr. Res.*, **7**, November, 1950 on leaves of *Gilibertia trifida*.—Japan. [Pages of separate not numbered.]

Corticium salicicola M. P. Christiansen in *Friesia*, **5**, p. 209, 1956 on bark of *Salix virens*.—Denmark.

***Cortinarius caeruleo-griseus** Ramain [as 'Cortinarius (*Inoloma*) caeruleo-griseus'] in *Cah. Nat. N.S.*, **11**, p. 26, 1955.—France.

— *citrinophyllus* Piane [as 'Cortinarius (= *Inoloma* ss larg. = *Dermocybe* ss rest.) *citrinophyllus*'] in *Bull. Soc. mycol. Fr.*, **72**, Fasc. 2, Text to Atlas, Pl. CVIII, 1956 in mixed forest.—France.

— *conicus* (Vel.) Henry [as 'Cortinarius (*Telamonia*) conicus'] in *Bull. Soc. mycol. Fr.*, **57** (1941), p. 21, 1942. (Syn. *Telamonia conica* Vel.).

— *crassifolius* (Vel.) Kühner & Romagnesi, *Flore Analytique des Champignons Supérieurs*, p. 309, 1953. [Syn. *Hydrocybe crassifolia* Vel.].

— *hemitrichus* (Pers. ex Fr.) Fr. var. *paludosus* (Vel.) Kühner & Romagnesi, *Flore Analytique des Champignons Supérieurs*, p. 308, 1953. [Syn. *Telamonia paludosa* Vel.].

— *olivascens* (Vel.) Henry [as 'Cortinarius (*Telamonia*) olivascens'] in *Bull. Soc. mycol. Fr.*, **57** (1941), p. 24, 1942. (Syn. *Telamonia olivascens* Vel.).

*— *traganus* (Fr.) Fr. var. *formica-olens* Ramain in *Cah. Nat. N.S.*, **11**, p. 33, 1955.—France.

— *umbonatus* (Vel.) Henry [as 'Cortinarius (*Hydrocybe*) *umbonatus*'] in *Bull. Soc. mycol. Fr.*, **62** (1946), p. 217, 1947. (Syn. *Hydrocybe umbonata* Vel.).

— *vulpinus* (Vel.) Henry [as 'Cortinarius (*Leproderma*) *vulpinus*'] in *Bull. Soc. mycol. Fr.*, **62** (1946), p. 207, 1947. (Syn. *Inoloma vulpina* Vel.).

Cronartium fusiforme Hedgecock & Hunt ex Cummins in *Mycologia*, **48**, p. 603, 1956 on *Quercus nigra*.—Florida, U.S.A.

Crossopsora angusta Jørstad in *Ark. Bot.*, Ser. 2, p. 448, 1956 on *Echites sulphurea*.—Brazil.

CRYPTOCOLAX R. A. Scott in *Amer. J. Bot.*, **43**, p. 589, 1956.—Fossil fungi: Aspergillaceae. [English diagnosis.] Sp. typ.: *C. clarnensis*.

— *clarnensis* R. A. Scott in *Amer. J. Bot.*, **43**, pp. 589 and 590 (Fig.), 1956 in fossil dicotyledonous wood (Fagaceae: *Castanopsis*?) in Clarno formation of (?) middle Eocene Age.—Oregon, U.S.A. [English diagnosis, with figure.]

— *parvula* R. A. Scott in *Amer. J. Bot.*, **43**, p. 590 (Fig.) and p. 591, 1956 in fossil dicotyledonous wood (Magnoliaceae: *Magnolia*?) in Clarno formation of (?) middle Eocene Age.—Oregon, U.S.A. [English diagnosis, with figure.]

Cryptocoryneum neolitseae Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 51, 1956 on leaves of *Neolitsea dealbata*.—Queensland, Australia.

Cryptostictis daviesiae (McAlpine) Subramanian & K. Ramakrishnan in *J. Indian bot. Soc.*, **35**, p. 227, 1956. (Syn. *Amphichaeta daviesiae* McAlpine).

— **grevilleae** (Loos) Subramanian & K. Ramakrishnan in *J. Indian bot. Soc.*, **35**, p. 231, 1956. (Syn. *Amphichaeta grevilleae* Loos).

— **kennedyae** (McAlpine) Subramanian & K. Ramakrishnan in *J. Indian bot. Soc.*, **35**, p. 229, 1956. (Syn. *Amphichaeta kennedyae* McAlpine).

— **macalpinei** Subramanian & K. Ramakrishnan [as 'macalpineae'] in *J. Indian bot. Soc.*, **35**, p. 231, 1956 on leaves of *Hardenbergia monophylla*.—Victoria, Australia.

Curvularia trifolii (Kauffm.) Boedijn forma specialis *gladioli* Parmelee & Luttrell apud Parmelee in *Mycologia*, **48**, p. 566, 1956 from *Gladiolus*.—Canada. [English diagnosis.]

Cylindrosporium andropogonis Sprague & Rogerson [as 'andropogoni'] apud Sprague in *Mycologia*, **48**, p. 741, 1956 on leaves of *Andropogon gerardii*.—Kansas, U.S.A.

— **samueli** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 46, 1956 on leaves of *Eucalyptus*.—South Australia.

***DALOALA** Tuzet, Manier & Vogeli-Zuber in *Bull. Inst. franç. Afr. noire*, **14**, p. 1147, 1952.—Trichomycetes. Sp. typ.: *D. mardonii*.

*— **mardonii** Tuzet, Manier & Vogeli-Zuber in *Bull. Inst. franç. Afr. noire*, **14**, p. 1147, 1952 on *Mardonius piceus*.—Ivory Coast.

Debaryomyces fluxorum Phaff & Knapp in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 127, 1956 from slime fluxes of *Quercus kelloggii* and *Abies concolor*.—California, U.S.A.

— **toletanus** Socias, Ramirez & Peláez in *Microbiol. esp.*, **7**, 2, p. 113, 1954 from leather tanned with oak-bark extract.—Spain.

Dendrochium parasiticum Chevaugeon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale (Encycl. Mycol.* 28), p. 100, 1956 on *Lasiodiplodia theobromae* on *Manihot utilissima*.—Ivory Coast.

DENSOCARPA Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 15, 1954.—Tuberales: Tuberaceae. Sp. typ.: *D. shanori*.

— **shanori** Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 16, 1954 in lawns.—Illinois, U.S.A.

Diaporthe phaseolorum (Cooke & Ell.) Sacc. var. *caulivora* Athow & Caldwell in *Phytopathology*, **44**, p. 323, 1954 on stems of *Glycine max*.—Indiana, U.S.A.

Diatrypella borassae Chona & Munjal in *Indian Phytopath.*, **8** (1955), p. 184, 1956 on dead leaf stalks of *Borassus flabellifer*.—Punjab, India.

— **ivorensis** Chevaugeon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale (Encycl. Mycol.* 28), p. 41, 1956 on dead branches of *Manihot utilissima*.—Ivory Coast.

Dictycephalos strobilinus (Kalchbr.) Vasil'kov in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **9**, p. 451, 1954. (Syn. *Phellorinia strobilina* Kalchbr.).

Dictyostelium polycephalum Raper in *J. gen. Microbiol.*, **14**, p. 717, 1956 from decaying leaves and surface soil in deciduous forests.—U.S.A.

Didymella acervulicola Batista & Nascimento apud Batista, Nascimento & Vital in *Publ. Inst. Mic. Univ. Recife*, **33**, p. 4, 1956 on *Gloeotrichila anthuriicola* on *Anthurium*.—Brazil.

Didymella erumpens (Cooke) Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 27, 1956. (Syn. *Zignella erumpens* Cooke [quoad asci et ascospori]).

Didymobotryopsis isingii Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 50, 1956 on dead twigs of *Viburnum opulus*.—South Australia.

Dimeriella hygrometrica Chevaugeon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale (Encycl. Mycol.* 28), p. 31, 1956 on dead twigs of *Manihot utilissima*.—Ivory Coast.

Diorchidium digitariae Ahmad in *Biologia*, **2**, p. 31, 1956 on leaves of *Digitaria bicornis*.—West Pakistan.

Diplodia acaciarum Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 42, 1956 on dead twigs of *Acacia decurrens*.—South Australia.

Diplodina consocians Karimov in *Бот. Матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 126, 1956 on old stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.

— **medicaginicola** Karimov in *Бот. Матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 126, 1956 on dry stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.

— **samararum** (Desm.) Nevodovsky, Грибы СССР (*Fungi of the U.S.S.R.*), Fasc. 1, No. 14, 1953. (Syn. *Phoma samararum* Desm.).

Discoсиlla vochysiae Batista & Lima in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 38, 1955 on leaves of *Vochysia oblongifolia*.—Brazil.

Dothiorella banksiae Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 43, 1956 on leaves of *Banksia integrifolia*.—Victoria, Australia.

Duportella schomburgkii (Berk.) G. H. Cunningham in *Proc. Linn. Soc. N.S.W.*, **77** (1952), p. 292, 1953. (Syn. *Stereum schomburgkii* Berk.).

Elidamella deflexa (Berkeley) R. K. Benjamin in *El Aliso*, **3**, p. 313, 1956. (Syn. *Myxotrichum deflexum* Berkeley).

Elsinoe tiliae Creelman in *Mycologia*, **48**, p. 555, 1956 on *Tilia europaea*.—Nova Scotia, Canada.

Endomycopsis balearica Socias, Ramirez & Genestar in *Microbiol. esp.*, **7**, 2, p. 109, 1954 from extract of oak-bark tannin.—Majorca, Spain.

Endophyllum lacus-regis Savile & Parmelee in *Mycologia*, **48**, p. 577, 1956 on *Claytonia caroliniana*.—Quebec Province, Canada.

Englerulella homalanthi Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 26, 1956 on leaves of *Homalanthus populifolius*.—Queensland, Australia.

***Enterobryus bresiliensis** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **13**, p. 147, 1951 in intestine of *Leptodesmus jucundus*.—Brazil.

*— **sao-pauloi** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **13**, p. 146, 1951 in intestine of *Leptodesmus gasparae*.—Brazil.

*— **schubarti** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **13**, p. 145, 1951 in intestine of *Leptodesmus vagans*.—Brazil.

Epithele fulva G. H. Cunningham in *Trans. Roy. Soc. N.Z.*, **83**, p. 631, 1956 on decorticated rotting wood, rarely on bark.—New Zealand.

[**Epithele**] **nikau** G. H. Cunningham in *Trans. Roy. Soc. N.Z.*, **83**, p. 629, 1956 on dead stipes of *Rhopalostylis sapida*.—New Zealand.

Eriomycopsis biseptata Chevaugeon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 81, 1956 on *Irenina entebbeensis* on *Manihot utilissima*.—Ivory Coast.

Eudimeriolum neolitsea Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 27, 1956 on leaves of *Neolitsea dealbata*.—Queensland, Australia.

***Flammula myosotis** (Fr.) Singer forma *castanea* Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 422, 1950.—U.S.S.R.

FULVIA Ciferri in *Atti Ist. bot. Univ. Pavia*, Ser. 5, **10**, p. 246, 1954.—Moniliales. Sp. typ.: *F. fulva*.

—**fulva** (Cooke) Ciferri in *Atti Ist. bot. Univ. Pavia*, Ser. 5, **10**, p. 246, 1954. (Syn. *Cladosporium fulvum* Cooke).

Fusarium oxysporum (Schlecht.) Snyder & Hansen forma *cucumerinum* Owen in *Phytopathology*, **46**, p. 156, 1956 on *Cucumis sativus*.—Florida, U.S.A.

—**vasinfectum** Atk. var. *perniciosum* (Hept.) Carrera in *Rev. Fac. Agron. B. Aires*, **13**, 3 (1954), p. 483, 1955. (Syn. *Fusarium perniciosum* Hepting).

Galerina cedretorum (Maire) Singer (this Index, **2**, p. 78). Combination earlier made by Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 470, 1950.

—**macrospora** (Velen.) Singer (this Index, **2**, p. 78). Combination earlier made by Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 473, 1950.

*—**mycoides** (Fr.) Kühner forma *mamilata* Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS Pl. Crypt.*, Ser. II, **6**, p. 480, 1950.—U.S.S.R.

*—**nana** (Petri) Kühner forma *leningradensis* Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS Pl. Crypt.*, Ser. II, **6**, p. 467, 1950.—U.S.S.R.

—**tenuissima** (Weinm.) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 481, 1950. (Syn. *Agaricus tenuissimus* Weinm.).

Galopsis bispora Vasilkov in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **9**, p. 463, 1954.—U.S.S.R.

Ganoderma lucidum (Leys.) Karst. forma *naiae* Chona & Munjal in *Indian Phytopath.*, **8** (1955), p. 189, 1956 in humus on ground.—Punjab, India.

***Genistella chironomi** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **15**, p. 386, 1953 in larva of Chironomidae.—France.

*—**choanifera** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **15**, p. 382, 1953 in larvae of *Chironomus plumosus*.—France.

*—**mailleti** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **17**, p. 70, 1955 in larvae of *Boettig bioculatus*.—France.

*—**rhithrogenae** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **17**, p. 68, 1955 in larvae of *Rhithrogena alpestris*.—France.

Gloeosporiella eucalypti Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 46, 1956 on leaves of *Eucalyptus*.—South Australia. (Conidial *Pseudopeziza eucalypti* Hansford.)

Gloeosporium corylinum Rodigin in *Eot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 166, 1956 on leaves of *Corylus avellana*.—Bashkir Republic, U.S.S.R.

—**geranii** Săvulescu & Negru in *Bull. stiint. Acad. române*, **5**, p. 419, 1953 on leaves of *Geranium macrorrhizum*.—Rumania.

GLOEOTROMERA Ervin in *Mycologia*, **48**, p. 692, 1956.—Tremellaceae. Sp. typ.: *G. alba*.

—*alba* (Lloyd) Ervin in *Mycologia*, **48**, p. 692, 1956. (Syn. *Exidiopsis alba* Lloyd).

—**pululahuana** (Pat.) Ervin in *Mycologia*, **48**, p. 692, 1956. (Syn. *Tremella pululahuana* Pat.).

Glomerella alstoniae Chona & Munjal in *Indian Phytopath.*, **8** (1955), p. 185, 1956 on dead twigs of *Alstonia scholaris*.—Delhi Province, India.

—**cingulata** (Stonem.) Spauld. & v. Schrenk. forma specialis *manihotis* Chevaugeon [f. nov.], *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 38, 1956 on stems of *Manihot utilissima*.—Ivory Coast. [Latin diagnosis.]

***Glotzia grassei** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **17**, p. 60, 1955 in intestine of larvae of *Simulium equinum*.—France.

Gongronella butleri (Lendner) Picci in *Atti Ist. bot. Univ. Pavia*, Ser. 5, **13** (1955), p. 38, 1956. (Syn. *Absidia butleri* Lendner). [Combination already made by Peyronel & Dal Vesco, 1955 (this Index, **2**, p. 237).]

Graphium hendersonulae Chevaugeon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 87, 1956 on *Hendersonula toruloides* on *Manihot utilissima*.—Ivory Coast.

Gymnopilus limulatus (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 150, 1953. [Syn. *Agaricus limulatus* Fr.].

Gymnosporangium hyalinum Kern ex Cummins in *Mycologia*, **48**, p. 603, 1956 on *Chamaecyparis thyoides*.—Florida, U.S.A.

Halophiobolus purpureus I. M. Wilson in *Trans. Brit. mycol. Soc.*, **39**, p. 403, 1956 on wood or rope submerged in the sea.—Wales.

—**rufus** I. M. Wilson in *Trans. Brit. mycol. Soc.*, **39**, p. 405, 1956 on wood submerged in the sea.—Wales.

Hapalophragmium deightonii Cummins in *Bull. Torrey bot. Cl.*, **83**, p. 222, 1956 on *Millettia barteri*.—Sierra Leone.

***Harpella melusinae** Léger & Dubosq var. *eyziesi* Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **17**, p. 58, 1955 in intestine of larvae of *Simulium equinum*.—France.

Helicosporium ramosum Talbot (this Index, **2**, p. 272) is a later homonym of *Helicosporium ramosum* (Berk. & Smith) Massee, 1893.

Helotium boreale (Linder) Mains in *Mycologia*, **48**, p. 415, 1956. (Syn. *Cudoniella borealis* Linder).

*—**lacteolum** Kirschstein in Schieferdecker, *Die Schlauchpilze der Flora von Hildesheim*, p. 91, 1954 on wood chips and rotting beech leaves.—Germany.

HEPTASTER Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, **46**, p. 3, 1956.—Moniliales: Dematiaceae. Sp. typ.: *H. hughesii*.

[*Heptaster*] *hughesii* Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, 46, p. 3, 1956 on leaves of *Heliconia bihai*.—Brazil.

— *macroradiatus* Ciferri, Batista & Nascimento [as 'macroradiata'] in *Publ. Inst. Mic. Univ. Recife*, 46, p. 4, 1956 on leaves of *Jambosa malaccensis*.—Brazil.

Hericium nodulosum (Pers. ex Fr.) Nikolaeva in *J. Bot. U.S.S.R. (Bot. Zh. S.S.S.R.)*, 41, p. 993, 1956. [Basonym not cited: first publication.]

— *ptychogasteroides* Nikolaeva in *J. Bot. U.S.S.R. (Bot. Zh. S.S.S.R.)*, 41, p. 999, 1956 on dead wood (? *Quercus*).—Maritime Territory, U.S.S.R.

Heterosporium luci Chevaugeon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 94, 1956 on branches of *Manihot utilissima*, *Crotalaria retusa* and *Citrus*.—Senegal, Ivory Coast and Oubangui.

— *medicaginis* Karimov in *Bot. Mat. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 129, 1956 on leaves of *Medicago sativa*.—Uzbekistan, U.S.S.R.

Hohenbuehelia longipes (Boud.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 85, 1955. (Syn. *Pleurotus longipes* Boud.).

**HORMOCOCCUS* Robak in *Friesia*, 5, p. 379, 1956.—Sphaeropsidales. Sp. typ.: *H. conorum*.

— *conorum* (Sacc. & Roum.) Robak in *Friesia*, 5, p. 379, 1956. (Syn. *Sirococcus conorum* Sacc. & Roum.).

**Humaria aurorea* Kirschstein in Schieferdecker, *Die Schlauchpilze der Flora von Hildesheim*, p. 99, 1954 on branches of broad-leaved tree.—Germany.

*— *schieferdeckeriana* Kirschstein in Schieferdecker, *Die Schlauchpilze der Flora von Hildesheim*, p. 99, 1954 on branch of broad-leaved tree.—Germany.

Hyalopsora orientalis Chona & Munjal in *Indian Phytopath.*, 8 (1955), p. 188, 1956 on leaves of *Adiantum*.—Punjab, India.

Hydnellum compactum (Pers. ex Fr.) Nikolaeva in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, 9, p. 471, 1954. (Syn. *Hydnum compactum* Pers. ex Fr.). [Combination already made by Karsten in *Medd. Soc. Faun. Fl. Fenn.*, 5, p. 41, 1879.]

— *mirabile* (Fr.) Nikolaeva in *Acta Inst. bot. Komarov. Acad. sci. URSS, Pl. Crypt.*, Ser. II, 9, p. 481, 1954. (Syn. *Hydnum mirabile* Fr.). [Combination already made by Karsten, 1879: see also this *Index*, 2, p. 57.]

Hydrocybe armillata (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 159, 1953. [Syn. *Agaricus armillatus* Fr.].

— *bibula* (Quél.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 159, 1953. (Syn. *Cortinarius bibulus* Quél.).

— *bicolor* (Cke.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 161, 1953. (Syn. *Cortinarius bicolor* Cooke).

— *biformis* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 165, 1953. (Syn. *Cortinarius biformis* Fr.).

— *bivelia* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 164, 1953. [Syn. *Agaricus bivelus* Fr.].

— *bovina* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 167, 1953. (Syn. *Cortinarius bovinus* Fr.).

— *brunnea* (Pers. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 167, 1953. [Syn. *Agaricus brunneus* Pers. ex Fr.].

— *brunneofulva* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 167, 1953. (Syn. *Cortinarius brunneofulvus* Fr.).

— *bulbosa* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 163, 1953. [Syn. *Agaricus bulbosus* Fr.].

— *camura* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 164, 1953. (Syn. *Cortinarius camurus* Fr.).

— *cookei* (Quél.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 160, 1953. (Syn. *Cortinarius cookei* Quél.).

— *deceptiva* (Kauffm.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 161, 1953. (Syn. *Cortinarius deceptivus* Kauffm.).

— *decumbens* (Pers. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 163, 1953. [Syn. *Agaricus decumbens* Pers. ex Fr.].

— *divulgata* (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 183, 1955. (Syn. *Cortinarius divulgatus* Britz.).

— *evernia* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 161, 1953. [Syn. *Agaricus evernius* Fr.].

— *firma* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 164, 1953. (Syn. *Cortinarius firmus* Fr.).

— *flexipes* (Pers. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 168, 1953. [Syn. *Agaricus flexipes* Pers. ex Fr.].

— *glandicolor* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 167, 1953. [Syn. *Agaricus gentilis* Fr. β *glandicolor* Fr.].

— *helvelloides* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 160, 1953. [Syn. *Agaricus gentilis* Fr. Σ *helvelloides* Fr.].

— *helvola* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 167, 1953. (Syn. *Cortinarius helvolus* Fr.).

— *hemitricha* (Pers. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 168, 1953. [Syn. *Agaricus hemitrichus* Pers. ex Fr.].

— *heterospora* (Bres.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 168, 1953. (Syn. *Cortinarius heterosporus* Bres.).

— *hinnulea* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 167, 1953. (Syn. *Cortinarius hinnuleus* Fr.).

— *hoeftii* (Weinm.) Moser [as '(Fr.)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 166, 1953. [Syn. *Agaricus hoeftii* Weinm.].

— *iliopodia* (Bull. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 168, 1953. [Syn. *Agaricus iliopodium* Bull. ex Fr.].

— *impennis* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*,

II, p. 162, 1953. (Syn. *Cortinarius impennis* Fr.).

[*Hydrocybe*] *incisa* (Pers. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 168, 1953. [Syn. *Agaricus incisus* Pers. ex Fr.].

— *lanigera* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 163, 1953. (Syn. *Cortinarius laniger* Fr.).

— *licinipes* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 165, 1953. (Syn. *Cortinarius licinipes* Fr.).

— *lucorum* (Fr.) Moser [as '(Fr. ex Lge.)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 162, 1953. (Syn. *Cortinarius lucorum* Fr.).

— *macropus* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 163, 1953. [Syn. *Agaricus macropus* Fr.].

— *melleopallens* (Fr.) Moser [as '(Fr. ex Lge.)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 164, 1953. (Syn. *Cortinarius melleopallens* Fr.).

— *multivaga* (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 190, 1955. (Syn. *Cortinarius multivagus* Britz.).

— *paleacea* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 168, 1953. (Syn. *Cortinarius paleaceus* Fr.).

— *paragaudis* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 159, 1953. (Syn. *Cortinarius paragaudis* Fr.).

— *plumigera* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 163, 1953. (Syn. *Cortinarius plumiger* Fr.).

— *psammocephala* (Bull. ex Mérat) Moser [as '(Bull. ex Fr.)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 161, 1953. [Syn. *Agaricus psammocephalus* Bull. ex Mérat].

— *quadricolor* ([Scop.] Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 160, 1953. (Syn. *Cortinarius quadricolor* [Scop.] Fr.).

— *riculata* (Fr.) Moser [as '(Fr. ss. Ri.)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 165, 1953. (Syn. *Cortinarius riculatus* Fr.).

— *rigida* (Scop. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 168, 1953. [Syn. *Agaricus rigidus* Scop. ex Fr.].

— *sciophylla* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 162, 1953. (Syn. *Cortinarius scio-phyllus* Fr.).

— *scutulata* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 161, 1953. [Syn. *Agaricus scutulatus* Fr.].

— *stemmata* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 161, 1953. (Syn. *Cortinarius stemmatus* Fr.).

— *torva* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 162, 1953. [Syn. *Agaricus torvus* Fr.].

— *triformis* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 164, 1953. (Syn. *Cortinarius triformis* Fr.).

— *umidicola* (Kauffm.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 186, 1955. (Syn. *Cortinarius humidicola* Kauffm.).

— *urbica* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 163, 1953. [Syn. *Agaricus urbicus* Fr.].

— *vilior* (Karst.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 161, 1953. [Syn. *Cortinarius imbutus* Fr. var. *vilior* Karst.].

HYDROPUS (Kühner) Singer in *Pap. Mich. Acad. Sci.*, 32 (1946), p. 127, 1948. (Syn. *Mycena* sect. *Hydropus* Kühner, *Le Genre Mycena* (Encycl. Mycol. 10), p. 531, 1938, without diagnosis. Sp. typ.: *H. fuliginarius*. [Genus first proposed by Singer, without Latin diagnosis, in *Lloydia*, 5, p. 129, 1942.]

— *fuliginarius* (Batsch ex Weinm.) Singer [as '(Batsch ex Fr.)'] in *Pap. Mich. Acad. Sci.*, 32 (1946), p. 127, 1948. (Syn. *Agaricus plexipes* b. *fuliginarius* Batsch ex Weinm.). [Combination invalidly proposed, 1943 (this Index, 1, p. 89).]

Hygrocybe glutinipes (Lange) von Haller in *Schweiz. Z. Pilz.*, 34, p. 179, 1956. (Syn. *Hygrocybe citrina* (Rea) Lange var. *glutinipes* Lange).

— *intermedia* (Pass.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 37, 1953. [Syn. *Hygrophorus intermedius* Pass.].

— *irrigata* (Pers. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 45, 1955. [Syn. *Agaricus irrigatus* Pers. ex Fr.].

— *metapodia* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 37, 1953. [Syn. *Agaricus metapodium* Fr.].

— *nitiosa* (Blytt) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 37, 1953. [Syn. *Hygrophorus nitiosus* Blytt].

Hygrophorus acutoconicus (Clements) A. H. Smith forma *japonicus* Hongo in *J. Jap. Bot.*, 31, p. 145, 1956 on ground in forest.—Japan.

— *turundus* Fr. var. *macrosporus* Hongo in *J. Jap. Bot.*, 31, p. 144, 1956 among *Sphagnum cymbifolium*.—Japan.

Hymenogaster calosporus Tul. var. *leptoleiosporus* Soehner in *Hedwigia*, 81, p. 154, 1943.—Germany.

Hypocrea atrogelatinosa Dingley in *Trans. roy. Soc. N.Z.*, 83, p. 645, 1956.—New Zealand.

— *egmontensis* Dingley in *Trans. roy. Soc. N.Z.*, 83, p. 647, 1956.—New Zealand.

Hysterographium depresso (Wint.) Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 37, 1956. (Syn. *Hysterographium hianscens* Rehm subsp. *macrum* Sacc. & Berl. var. *depresso* Wint.).

IDRIELLA Nelson & Wilhelm in *Mycologia*, 48, p. 550, 1956.—Moniliales: Dematiaceae. Sp. typ.: *I. lunata*.

— *lunata* Nelson & Wilhelm in *Mycologia*, 48, p. 550, 1956 from root of *Fragaria chiloensis* var. *ananasca*.—California, U.S.A.

Inocybe ammophila Hongo & Matsuda in

J. Jap. Bot., **31**, p. 198, 1956 on sandy soil among mosses under *Pinus thunbergii*.—Japan.

*[*Inocybe*] *amygdalispora* Métrod in *Bull. Soc. mycol. Fr.*, **72**, p. 129, 1956.—? France.

*— *brevicystis* Métrod in *Bull. Soc. mycol. Fr.*, **72**, p. 126, 1956.—France.

*— *citrinofolia* Métrod in *Bull. Soc. mycol. Fr.*, **72**, p. 128, 1956.—? France.

*— *griseobrunnea* Métrod in *Bull. Soc. mycol. Fr.*, **72**, p. 124, 1956 in conifer-wood.—? France.

*— *ovoideicystis* Métrod in *Bull. Soc. mycol. Fr.*, **72**, p. 127, 1956.—Switzerland.

*— *pseudoconfusa* Métrod in *Bull. Soc. mycol. Fr.*, **72**, p. 123, 1956 in fir-wood.—France.

Irenopsis capparidicola Batista & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 120, 1955 on leaves of *Capparis cynophallophora*.—Brazil.

— var. *opposita* Batista & Maia apud Batista, Nascimento & Maia in *Publ. Inst. Mic. Univ. Recife*, **25**, p. 3, 1956 on leaves of *Capparis cynophallophora*.—Brazil.

— *lagerstroemiae* Batista & Nascimento apud Batista, Nascimento & Maia in *Publ. Inst. Mic. Univ. Recife*, **25**, p. 5, 1956 on leaves of *Lagerstroemia indica*.—Brazil.

Kernia bartlettii (Mass. & Sal.) R. K. Benjamin in *El Aliso*, **3**, p. 344, 1956. (Syn. *Magnusia bartlettii* Mass. & Sal.).

— *brachytricha* (Ames) R. K. Benjamin in *El Aliso*, **3**, p. 344, 1956. (Syn. *Magnusia brachytricha* Ames).

— *spirotricha* (Benjamin) R. K. Benjamin in *El Aliso*, **3**, p. 344, 1956. (Syn. *Magnusia spirotricha* Benjamin).

Krombholzia aurantiaca (Roques) Gilb. forma *arctica* (Lebed.) Vassilkov in Bot. Matep. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **11**, p. 138, 1956. (Syn. *Boletus versipellis* Fr. var. *arcticus* Lebed.).

— forma *duriuscula* (Schulz.) Vassilkov in Bot. Matep. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **11**, p. 138, 1956. (Syn. *Boletus duriusculus* Schulz.).

— forma *intermedia* Vassilkov in Bot. Matep. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **11**, p. 138, 1956.—Mari Republic, R.S.F.S.R., U.S.S.R.

— forma *percandida* (Vassilk.) Vassilkov in Bot. Matep. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **11**, p. 139, 1956. (Syn. *Boletus percandidus* Vassilkov).

— forma *quericina* (Pilát) Vassilkov in Bot. Matep. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **11**, p. 138, 1956. (Syn. *Krombholzia rufescens* (Konrad) Sing. var. *quericina* Pilát).

— forma *rufescens* (Konr.) Vassilkov in Bot. Matep (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **11**, p. 137, 1956. (Syn. *Boletus rufescens* Konrad).

Lachnea cookei* Svrček in *Acta Mus. nat. Prag.*, **4 B, No. 6 (Bot. No. 1), p. 43, 1948 [as 'nom. nov.' for *L. vitellina* sensu Cooke, Rehm, Grelet and others, non *L. vitellina* (Pers. ex Fr.) Phillips].

— *erinaceus* (Schw. ex Fr.) Sacc. var. *furcata* (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 38, 1948. (Syn. *Lachnea furcata* Vel.).

— *gregaria* (Rehm) Phillips forma *ferruginea* Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 41, 1948.—Czechoslovakia.

— forma *longisetosa* (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 42, 1948. (Syn. *Lachnea longisetosa* Vel.).

— forma *nigrella* Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 41, 1948.—Czechoslovakia.

— forma *obtusipilosa* Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 42, 1948.—Czechoslovakia.

— *hemisphaerica* (Wigg. ex Fr.) Gillet forma *infusoria* (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 50, 1948. (Syn. *Lachnea hemisphaerica* (Wigg. ex Fr.) Gillet var. *infusoria* Vel.).

— *hemisphaerioides* Mouton var. *tenuipilosa* Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 26, 1948 on charcoal.—Czechoslovakia.

— *iuliana* Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 34, 1948.—Czechoslovakia.

— *macrospora* Svrček nom. nov. in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 50, 1948. (Syn. *Lachnea livida* Velenovsky, 1922, non *L. livida* (Schum. ex Fr.) Rehm, 1895).

— *moravica* Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 39, 1948.—Czechoslovakia.

— *pseudoampezzana* Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 29, 1948 among mosses on calcareous stones in warm groves.—Czechoslovakia.

— *scutellata* (Linn. ex Fr.) Gillet var. *subaurantiaca* Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 54, 1948 in marshy meadow in a wood, in tussocks of *Carex gracilis*.—Czechoslovakia.

— forma *bulbopilosa* Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 54, 1948 on calcareous soil.—Czechoslovakia.

— *setosa* (Nees ex Fr.) Gillet var. *gintlii* (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 47, 1948. (Syn. *Lachnea gintlii* Vel.).

— var. *nigrohirtula* Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 48, 1948 on rotten wood of *Acer pseudoplatanus*.—Czechoslovakia.

— forma *cervorum* (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 47, 1948. (Syn. *Lachnea cervorum* Vel.).

— *speluncarum* (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 30, 1948. (Syn. *Humaria speluncarum* Vel.).

— *stercorea* (Pers. ex Fr.) Gillet var. *maialis* Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 45, 1948 on cow dung.—Czechoslovakia.

— forma *citrinella* (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 45, 1948. (Syn. *Lachnea stercorea* (Pers. ex Fr.) Gillet var. *citrinella* Vel.).

— *tenuis* (Fuckel) Sacc. var. *kavinae* Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 25, 1948 on old charcoal in woods.—Czechoslovakia. (Syn. *Sepultaria tenuis* Kavina).

— *umbrorum* (Fr.) Gillet forma *arenosa* (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 60, 1948. (Syn. *Lachnea arenosa* Vel.).

— *velenovskyi* Vacek ['in herbario'] ex

Svrček in *Acta Mus. nat. Prag.*, **4** B, No. 6 (Bot. No. 1), p. 51, 1948.—Czechoslovakia.

Lachnella fasciculata (Schw.) Locquin, this *Index*, **2**, p. 124. See also *Lachnella fasciculata* (Seaver & Waterston) Seaver, this *Index*, **2**, p. 103.

Lactarius groenlandicus Terkelsen in *Friesia*, **5**, p. 417, 1956 under *Salix*.—Greenland.

Laetinaevia triglochinis Gremmen in *Bot. Tidsskr.*, **53**, p. 93, 1956 on dead stems of *Triglochin maritimum*.—Denmark.

LAGENOCYSTIS H. F. Copeland nom. nov., *The Classification of Lower Organisms*, p. 82, 1956. (Syn. *Lagena* Vanterpool & Ledingham, 1930, non Parker & Jones, 1859).

— *radicicola* (Vanterpool & Ledingham) H. F. Copeland, *The Classification of Lower Organisms*, p. 82, 1956. (Syn. *Lagena radicicola* Vanterpool & Ledingham).

LAJASSIELLA* Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **12 (1950), p. 465, 1951.—Trichomycetes. Sp. typ.: *L. aphodii*.

*— *aphodii* Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **12** (1950), p. 465, 1951 in larvae of *Aphodius*.—France.

Lasiobolus aurantiacus Batista & Maia [as 'aurantiaca'] in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 66, 1955 on bark of rotting tree.—Brazil.

Lasiodiplodia frezaliana Faurel & Schotter in *Bull. Soc. Hist. nat. Afr. N.*, **47**, p. 121, 1956 on stems of *Geranium capitatum*.—Algeria.

Leccinum carpini (Schulz) Moser [as 'Schulz & Pears.'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 26, 1953. [Syn. *Boletus scaber* Bull. ex Fr. var. *carpini* Schulz].

Lecioigrapha decipiens Grelet in *Rev. Mycol., Paris*, **21**, p. 19, 1956 on rotten branches of *Olea*.—France.

Leotia albiceps (Peck) Mains in *Mycologia*, **48**, p. 700, 1956. (Syn. *Ombrophila albiceps* Peck).

Lepiota kuehneriana Locquin [as *kühneriana*] in *Friesia*, **5**, p. 296, 1956 in grass or in hedges.—France.

— *neglecta* Hongo in *J. Jap. Bot.*, **31**, p. 251, 1956 on humus in plantation of *Chamaecyparis*.—Japan.

— *sericifera* (Locquin) Loequin in *Friesia*, **5**, p. 294, 1956. (Syn. *Pseudobaeospora sericifera* Loequin).

— *subcittophylla* Hongo in *J. Jap. Bot.*, **31**, p. 148, 1956 on ground in woods of *Abies*.—Japan.

Leptosphaeria halima T. W. Johnson in *Mycologia*, **48**, p. 502, 1956 on *Liriodendron tulipifera* veneer test panel submerged in sea.—North Carolina, U.S.A.

— *medicaginolika* Karimov in *Bot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 122, 1956 on rotting stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.

— *petri* Chevaugeon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (*Encycl. Mycol.* 28), p. 24, 1956 on leaves of *Manihot utilissima*.—Ivory Coast.

Leptothyrium cupanae Batista & Lima in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 40, 1955 on leaves of *Cupania*.—Brazil.

— *hymenaeicola* Batista & Lima in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 41, 1955 on leaves of *Hymenaea martiana*.—Brazil.

— *myrtacicola* Batista & Lima in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 43, 1955 on leaves of *Myrtaceae*.—Brazil.

— *proticola* Batista & Lima in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 43, 1955 on leaves of *Protium heptaphyllum*.—Brazil.

— *roureae* Batista & Lima in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 44, 1955 on leaves of *Rourea*.—Brazil.

Lespiaultinia oligosperma (Tul.) Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 25, 1954. (Syn. *Terfezia oligosperma* Tul.).

— *phleboderma* (Gilkey) Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 25, 1954. (Syn. *Delastreopsis phleboderma* Gilkey).

Leucocoprinus aureofloccosus (Henn.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 116, 1953. (Syn. *Lepiota aureofloccosa* Henn.).

— *denudatus* (Rab.) Singer forma *major* Hongo in *J. Jap. Bot.*, **31**, p. 250, 1956 on pine debris.—Japan.

— *georginae* (W. G. Smith) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 132, 1955. (Syn. *Lepiota georginae* W. G. Smith).

Leucopaxillus albissimus (Peck) Singer (this *Index*, **2**, p. 170). Combination already made by Singer in *Schweiz. Z. Pilz.*, **17**, p. 57, 1939.

— *giganteus* (Sow. ex Fr.) Singer (this *Index*, **2**, p. 170). Combination already made by Singer in *Schweiz. Z. Pilz.*, **17**, p. 57, 1939.

— *lepidotoides* (Maire) Singer (this *Index*, **2**, p. 170). Combination already made by Singer in *Schweiz. Z. Pilz.*, **17**, p. 57, 1939.

Lichenoconium xanthorhiae M. S. Christiansen in *Friesia*, **5**, p. 212, 1956 on *Xanthoria polycarpa*.—Denmark.

LINDRA I. M. Wilson in *Trans. Brit. mycol. Soc.*, **39**, p. 411, 1956.—Sphaeriales. Sp. typ.: *L. inflata*.

— *inflata* I. M. Wilson in *Trans. Brit. mycol. Soc.*, **39**, p. 411, 1956 on wood submerged in the sea.—Wales.

LOBOA Ciferri, De Azevedo, Campos & Carneiro in *Publ. Inst. Mic. Univ. Recife*, **53**, p. 12, 1956.—Entomophthorales imperfectae or Paracoccidioidaceae. Sp. typ.: *L. loboi*.

— *loboi* (Fonseca & Leão) Ciferri, De Azevedo, Campos & Carneiro in *Publ. Inst. Mic. Univ. Recife*, **53**, p. 12, 1956. (Syn. *Glenospora loboi* Fonseca & Leão).

Lopharia cinerascens (Schweinitz) G. H. Cunningham in *Trans. roy. Soc. N.Z.*, **83**, p. 622, 1956. (Syn. *Thelephora cinerascens* Schweinitz).

— *vinosa* (Berkeley) G. H. Cunningham in *Trans. roy. Soc. N.Z.*, **83**, p. 625, 1956. (Syn. *Thelephora vinosa* Berkeley).

Lyophyllum atratum (Fr.) Singer var. *sphaerosporum* (Kühner & Romagnesi) M. Lange in *Rev. Mycol., Paris*, **19**, p. 134, 1954. (Syn. *Lyophyllum sphaerosporum* Kühner & Romagnesi).

— *carbonarium* (Vel.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 40, 1953. (Syn. *Omphalia carbonaria* Vel.).

— *cessans* (Karst.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 41, 1953. [Syn. *Agaricus cessans* Karst.].

— *conglobatum* (Vitt.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*,

II, p. 43, 1953. [Syn. *Agaricus conglobatus* Vitt.].

[**Lyophyllum**] **gibberosum** (J. Schäffer) M. Lange in *Rev. Mycol., Paris*, **19**, p. 135, 1954. (Syn. *Collybia gibberosa* J. Schäffer).

— **murinum** (Batsch ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 41, 1953. [Syn. *Agaricus murinus* Batsch ex Fr.].

Macrophoma **anoneae** Kavkasidze in *Trav. Inst. bot. Tbilissi*, **15**, p. 118, 1953 on fruit of *Anona* [*Annona*] *triloba*.—? Georgia, U.S.S.R.

— **aucubicola** Kavkasidze in *Trav. Inst. bot. Tbilissi*, **15**, p. 119, 1953 on dried up fallen leaves and dead twigs of *Aucuba japonica*.—Georgia, U.S.S.R.

— **luffae** Kavkasidze in *Trav. Inst. bot. Tbilissi*, **15**, p. 121, 1953 on fruit of *Luffa cylindrica*.—? Georgia, U.S.S.R.

— **macarangae** T. S. Ramakrishnan in *Proc. Indian Acad. Sci., Sect. B*, **44**, p. 120, 1956 on leaves of *Macaranga roxburghii*.—South India.

— **tagetis** Kavkasidze in *Trav. Inst. bot. Tbilissi*, **15**, p. 123, 1953 on *Tagetes erecta* ('in summittibus').—Georgia, U.S.S.R.

— **tricyrtidis** Togashi & Katsuki apud Katsuki in *Kyushu Agr. Res.*, **7**, November, 1950 on leaves of *Tricyrtis macropoda*.—Japan. [Pages of separate not numbered.]

Maravalia **milletiae** Yadav & Thirumalachar [as 'milletiae'] in *Indian Phytopath.*, **8** (1955), p. 143, 1956 on leaves of *Milletia* [*Milletia*] *auriculata*.—Bihar Province, India.

Marssonina **zanthoxyli** Chona & Munjal in *Indian Phytopath.*, **8** (1955), p. 193, 1956 on leaves of *Zanthoxylum alatum*.—Punjab, India.

MEGALOXYPHIUM Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, **47**, p. 3, 1956.—Capnodiales imperfectae. Sp. typ.: *M. ophidioglossum*.

— **ophidioglossum** Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, **47**, p. 3, 1956 on leaves of *Polyscias guilfoylei* [as 'gneyfoilei', presumably in error].—Brazil.

MEGASTER Ciferri, Batista, Nascimento & De Azevedo in *Publ. Inst. Mic. Univ. Recife*, **48**, p. 2, 1956.—Moniliales: Dematiaceae. Sp. typ.: *M. longicornis*.

— **curvicornis** Batista, Vital & Ciferri apud Ciferri, Batista, Nascimento & De Azevedo in *Publ. Inst. Mic. Univ. Recife*, **48**, p. 2, 1956 on leaves of *Diospyros philippensis*.—Brazil.

— **longicornis** Ciferri, Batista, Nascimento & De Azevedo in *Publ. Inst. Mic. Univ. Recife*, **48**, p. 2, 1956 on leaves of *Polyscias guilfoylei* [as 'gneyfoilei', presumably in error].—Brazil.

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p. 171). Combination already made by Singer in *Schweiz. Z. Pilz.*, **17**, p. 56, 1939.

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Meliola **camaragibeicola** Batista & Maia apud Batista, Nascimento & Maia in *Publ. Inst. Mic. Univ. Recife*, **25**, p. 6, 1956 on leaves of *Mouriria*.—Brazil.

— **cyathodis** Hansf. var. **stypheliae** Hansford, 1954 and 1955 (this *Index*, **2**, pp. 214 and 279), are based on the same type.

— **doryphorae** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 23, 1956 on leaves of *Doryphora sassafras*.—Queensland, Australia.

— **paulliniana** Batista & Nascimento apud Batista, Nascimento & Maia in *Publ. Inst. Mic. Univ. Recife*, **25**, p. 7, 1956 on leaves of *Paullinia*.—Brazil.

— **pradosiae** Batista apud Batista, Nascimento & Maia in *Publ. Inst. Mic. Univ. Recife*, **25**, p. 8, 1956 on leaves of *Pradosia lactescens*.—Brazil.

— **talisiana** Batista & Maia apud Batista, Nascimento & Maia in *Publ. Inst. Mic. Univ. Recife*, **25**, p. 9, 1956 on leaves of *Talisia esculenta*.—Brazil.

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— **echinulata** Linnemann in *Zbl. Bakt.*, Abt. 2, **107**, p. 229, 1953.—Germany.

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— *verrucosa* Linnemann in *Zbl. Bakt.*, Abt. 2, 107, p. 227, 1953 in spruce-forest.—Germany.

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— *cryptica* (Cooke) Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 35, 1956. (Syn. *Sphaerella cryptica* Cooke).

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— *martinae* Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 36, 1956 on leaves of *Eucalyptus*.—Victoria, Australia.

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— *cherimoliae* Cummins in *Mycologia*, 48, p. 604, 1956 on *Anona* [*Annona*] *cherimolia*.—Guatemala. (*Phakopsora cherimoliae* (Lagerh.) Cumm., nom. nud. [this Index, 1, p. 44].)

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— *canadensis* W. B. Cooke in *Mycologia*, 48, p. 398, 1956 on indet. wood and wood of *Acer spicatum*.—Ontario, Canada.

— *celtidis* W. B. Cooke in *Mycologia*, 48, p. 394, 1956 on dead wood of *Celtis*.—Idaho, U.S.A.

— *cystidiata* Jackson apud W. B. Cooke in *Mycologia*, 48, p. 395, 1956 on wood of *Alnus rubra*.—California, U.S.A.

— *murrillii* W. B. Cooke in *Mycologia*, 48, p. 398, 1956 on fallen long-leaf pine branch.—Florida, U.S.A.

— *subalbida* W. B. Cooke in *Mycologia*, 48, p. 397, 1956 on rotting log of *Abies magnifica*.—California, U.S.A.

Phlegmacium caesiocyaneum (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 175, 1953. (Syn. *Corticarius caesiocyaneus* Britz.).

— *canolilacinum* (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 174, 1953. (Syn. *Corticarius canolilacinus* Britz.).

— *cephalixum* (Seer.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 181, 1953. [Syn. *Agaricus cephalixus* Seer.].

— *corrosum* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 180, 1953. (Syn. *Corticarius corrosum* Fr.).

— *crassum* (Fr.) Moser [as '(Fr.) ss. Bres. (non Ricken)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 176, 1953. (Syn. *Corticarius crassum* Fr.).

— *disputabile* (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 182, 1953. (Syn. *Corticarius disputabilis* Britz.).

— *extricabile* (Britz.) Moser [as '(Britz.) ss. Hry'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 182, 1953. (Syn. *Corticarius extricabilis* Britz.).

[**Phlegmacium**] **fraudulosum** (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 181, 1953. (Syn. *Cortinarius fraudulosus* Britz.).

— **legitimum** (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 210, 1955. (Syn. *Cortinarius legitimus* Britz.).

— **lilacinipes** (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 175, 1953. (Syn. *Cortinarius lilacinipes* Britz.).

— **lustratum** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 179, 1953. (Syn. *Cortinarius lustratus* Fr.).

— **miltinum** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 216, 1955. (Syn. *Cortinarius miltinus* Fr.).

— **olivascens** ([Batsch] Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 186, 1953. (Syn. *Cortinarius olivascens* [Batsch] Fr.).

— **praestans** (Cord.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 176, 1953. (Syn. *Cortinarius praestans* Cord.).

— **roseolimbatum** (Seer.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 180, 1953. [Syn. *Agaricus roseolimbatus* Seer.].

— **urbicum** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 215, 1955. [Syn. *Agaricus urbicus* Fr.].

— **visitatum** (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 186, 1953. (Syn. *Cortinarius visitatus* Britz.).

— **xanthophyllum** (Cke.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 184, 1953. [Syn. *Cortinarius dibaphus* Fr. var. *xanthophyllum* Cooke].

Phleospora myopori (Cooke & Massee) Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 45, 1956. (Syn. *Septoria myoporii* Cooke & Massee).

— **nebulae** (Carr.) Ciferri in *Atti Ist. bot. Univ. Pavia*, Ser. 5, 10, p. 245, 1954. (Syn. *Peziza nebulae* Carradori).

— **samaricola** Nevodovsky, Грибы СССР (Fungi of the U.S.S.R.), Fasc. 1, No. 19, 1953 on fruit of *Fraxinus*.—U.S.S.R.

Pholiota agardhii (Lund) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 196, 1953. [Syn. *Agaricus agardhii* Lund].

— **apicrea** (Fr.) Moser [as '(Fr. ss. Rea)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 195, 1953. [Syn. *Agaricus apicreus* Fr.].

— **azyma** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 196, 1953. [Syn. *Agaricus azymus* Fr.].

— **conissans** (Fr.) Moser [as '(Fr.) ss. Lge. non Ri.] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 196, 1953. [Syn. *Agaricus conissans* Fr.].

— **inaurata** (W. G. Smith) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 196, 1953. [Syn. *Agaricus inauratus* W. G. Smith].

— **lupina** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 195, 1953. [Syn. *Agaricus lupinus* Fr.].

— **scamba** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 196, 1953. [Syn. *Agaricus scambus* Fr.].

— **scorpioides** (Fr.) Moser [as '(Fr. ex Karst. em. Ricken)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 196, 1953. [Syn. *Agaricus scorpioides* Fr.].

Pholiota aberrans (Kühner) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, 6, p. 436, 1950. (Syn. *Conocybe aberrans* Kühner).

— **coprophila** (Kühner) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, 6, p. 434, 1950. (Syn. *Conocybe coprophila* Kühner).

— **filipes** (Atk.) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, 6, p. 435, 1950. (Syn. *Galerula filipes* Atk.).

— **mairei** (Kühner) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, 6, p. 435, 1950. (Syn. *Conocybe mairei* Kühner).

— **pygmaeoaffinis** (Fr.) Singer (this *Index*, 2, p. 85). Combination earlier made by Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, 6, p. 435, 1950.

Phoma coccum Karimov in *Бот. Матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 124, 1956 on dead stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.

— **lycii** Zerova in *J. Bot. Acad. Sci. Ukr.*, 13, 1, p. 86, 1956 on branches of *Lycium barbarum*.—Ukraine, U.S.S.R.

— **medicaginicola** Karimov in *Бот. Матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 125, 1956 on dry stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.

— **sirodesmii** Chona & Munjal in *Indian Phytopath.*, 8 (1955), p. 189, 1956 on juice from *Laccifer lacca* on *Ficus infectoria*.—Delhi Province, India.

Phomatospora opuntiae Batista & Vital apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 85, 1955 on *Opuntia*.—Brazil.

Phomopsis manihot (Speg.) Chevaugeon [as '*Phomopsis (Phyllosticta) manihot*'], *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 65, 1956. (Syn. *Phyllosticta maniota* Speg.). [Latin diagnosis: on leaves, twigs and stems of *Manihot utilissima*.—Tropical Africa.]

Phragmidiaella ugandana Cummins [as '*Phragmidiaella* (?) *ugandana*'] in *Bull. Torrey bot. Cl.*, 83, p. 224, 1956 on *Trichilia*.—Uganda.

Phyllachora langdonii Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 28, 1956 on leaves of *Callistemon*.—Queensland, Australia.

— **queenslandica** Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 28, 1956 on leaves of *Litsea dealbata*.—Queensland, Australia.

Phyllosticta couraliae Batista & Lima in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 45, 1955 on leaves of *Courallia toxophora*.—Brazil.

— **crambe** Rodigin in *Бот. Матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 164, 1956 on leaves of *Crambe abyssinica*.—Bashkir Republic, U.S.S.R.

— **digitariae** Sprague in *Mycologia*, 48, p. 743, 1956 in basal sheaths of *Digitaria ischaemum*.—Utah, U.S.A.

— **evodiae** Săvulescu & Negru (this *Index*, 2, p. 249) was first published, with Latin

diagnosis, in *Bull. stiint. Acad. române*, 5, p. 417, 1953.

[*Phyllosticta*] *fagopyri* Rodigin in Bot. Matrep. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 11, p. 164, 1956 on leaves of *Fagopyrum sagittatum*.—Bashkir Republic, U.S.S.R.

— *heterophragmatis* Chona & Munjal [as 'heterophragmæ'] in *Indian Phytopath.*, 8 (1955), p. 191, 1956 on leaves of *Heterophragma adenophyllum*.—Delhi Province, India.

— *ligulariae* Togashi & Katsuki apud Katsuki in *Kyushu Agr. Res.*, 7, November, 1950 on leaves of *Ligularia stenocephala*.—Japan. [Pages of separate not numbered.]

— *tremae* Katsuki in *Kyushu Agr. Res.*, 6, p. 52, 1950 on leaves of *Trema orientalis*.—Japan.

Physalospora mangiferae Batista apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 80, 1955 on leaves of *Mangifera indica*.—Brazil.

PHYSALOSPOROPSIS Batista & Maia apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 82, 1955.—Sphaeriales. Sp. typ.: *P. rhizophorica*.

— *rhizophorica* Batista & Maia apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 83, 1955 on leaves of *Rhizophora mangle*.—Brazil.

Physoderma claytonianum H. C. Greene var. *sparrowii* Savile & Parmelee in *Mycologia*, 48, p. 587, 1956 in leaves, stems and inflorescences of *Claytonia virginica*.—Ontario, Canada.

— *notosciadii* (Speg.) Karling in *Bull. Torrey bot. Cl.*, 83, p. 294, 1956. (Syn. *Urophlyctis notosciadii* Speg.).

Pichia carsonii Phaff & Knapp in *Leeuwenhoek ned. Tijdschr.*, 22, p. 127, 1956 from slime flux of *Quercus kelloggii*.—California, U.S.A.

— *pastori* (Guilliermond) Phaff in *Leeuwenhoek ned. Tijdschr.*, 22, p. 115, 1956. (Syn. *Saccharomyces pastori* Guilliermond).

— *pini* (Holst) Phaff in *Leeuwenhoek ned. Tijdschr.*, 22, p. 115, 1956. (Syn. *Saccharomyces pini* Holst).

— *quercibus* [sic] Phaff & Knapp in *Leeuwenhoek ned. Tijdschr.*, 22, p. 126, 1956 from slime flux of *Quercus kelloggii*.—California, U.S.A.

— *silvestris* Phaff & Knapp in *Leeuwenhoek ned. Tijdschr.*, 22, p. 126, 1956 from slime fluxes of *Quercus kelloggii* and *Abies concolor*.—California, U.S.A.

— *vanriji* Van Der Walt & Tscheuschner in *J. gen. Microbiol.*, 15, p. 460, 1956 from soil.

— *vini* (Zimmermann) Phaff in *Leeuwenhoek ned. Tijdschr.*, 22, p. 115, 1956. (Syn. *Debaryomyces vini* Zimmermann).

— *xylosa* Phaff, Miller & Shifrine in *Leeuwenhoek ned. Tijdschr.*, 22, p. 159, 1956 from *Drosophila miranda*.—California, U.S.A.

Placostroma eucalypti (Cooke & Massee) Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 29, 1956. (Syn. *Phyllachora eucalypti* Cooke & Massee).

Pleospora medicaginis Karimov in Bot. Matrep. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 11, p. 123, 1956 on dry stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.

— *pelagica* T. W. Johnson in *Mycologia*, 48, p. 504, 1956 on culms of *Spartina alterniflora*.—North Carolina, U.S.A.

Pluteus aquosus Singer in *Trans. Brit. mycol. Soc.*, 39, p. 148, 1956 on rotten trunks of dicotyledonous trees.—Argentina.

— *chrysopblebius* (Berk. & Rav.) Sacc. subsp. *bruchii* (Speg.) Singer in *Trans. Brit. mycol. Soc.*, 39, p. 196, 1956. (Syn. *Nolanea bruchii* Speg.).

— *cinerellus* Singer in *Trans. Brit. mycol. Soc.*, 39, p. 156, 1956 on old fallen trunk of ? *Carya*.—Florida, U.S.A.

— *floridanus* Murrill apud Singer in *Trans. Brit. mycol. Soc.*, 39, p. 163, 1956 on decayed mossy or earthy logs of broad-leaved trees.—Florida, U.S.A.

— *haywardii* Singer in *Trans. Brit. mycol. Soc.*, 39, p. 147, 1956 on dead trunks and branches.—Argentina.

— *hololeucus* Singer in *Trans. Brit. mycol. Soc.*, 39, p. 200, 1956 on dead dicotyledonous trunk.—Argentina.

— *iguazuensis* Singer in *Trans. Brit. mycol. Soc.*, 39, p. 201, 1956 on rotten wood.—Argentina.

— *microsporus* (Dennis) Singer in *Trans. Brit. mycol. Soc.*, 39, p. 170, 1956. (Syn. *Pluteus hispidulus* (Fr.) Quél. var. *microsporus* Dennis).

*— *psychriophorus* (Berk. & Br.) Sacc. var. *burserae* Singer ['ad int.] in *Trans. Brit. mycol. Soc.*, 39, p. 216, 1956 on rotten wood of *Bursera*.—Florida, U.S.A.

*— — var. *dennisii* Singer ['ad int.] in *Trans. Brit. mycol. Soc.*, 39, p. 214, 1956 in swampy forests on rotten logs.—Trinidad.

— var. *minutissimus* (Maire) Singer ['comb. nov. ad int.] in *Trans. Brit. mycol. Soc.*, 39, p. 214, 1956. (Syn. *Pluteus minutissimus* Maire).

— var. *seticeps* (Atk.) Singer ['comb. nov. ad int.] in *Trans. Brit. mycol. Soc.*, 39, p. 214, 1956. (Syn. *Leptonia seticeps* Atk.).

— var. *stigmatophorus* (Berk. & Br.) Singer ['comb. nov. ad int.] in *Trans. Brit. mycol. Soc.*, 39, p. 216, 1956. (Syn. *Agaricus stigmatophorus* Berk. & Br.).

*— — var. *venosus* Singer ['ad int.] in *Trans. Brit. mycol. Soc.*, 39, p. 215, 1956 on wood or leaves.—Florida, U.S.A.

— *rimosoaffinis* Singer in *Trans. Brit. mycol. Soc.*, 39, p. 211, 1956.—Argentina.

— *salicinus* (Pers. ex Fr.) Kummer var. *achloes* Singer in *Trans. Brit. mycol. Soc.*, 39, p. 183, 1956 on dead wood.—Michigan, U.S.A.

— *subfibrillosus* Singer in *Trans. Brit. mycol. Soc.*, 39, p. 187, 1956 on tree trunks.—Brazil.

— *varipes* Singer in *Trans. Brit. mycol. Soc.*, 39, p. 218, 1956 on old dicotyledonous trunks.—Argentina.

Poromyces hanedai Y. Kobayashi in *J. Hattori Bot. Lab.*, 5, p. 1, 1951 on rotten tree trunks (including *Machilus thunbergii*).—Japan.

Poropoloma pes-caprae (Fr.) Singer in *Mycologia*, 48, p. 722, 1956. (Syn. *Agaricus pes-caprae* Fr.).

Prillieuxia umbrina (Fr.) Parker-Rhodes in *Ann. Bot., Lond., N.S.*, 20, No. 78, p. 258, 1956. [Basonym not cited.]

Protodontia liva (Bres.) Parker-Rhodes in *Ann. Bot., Lond., N.S.*, 20, No. 78, p. 258, 1956. [Basonym not cited.]

PROTOSTEGIOMYCES Batista & Vital apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 94, 1955.—Excipulaceae. Sp. typ.: *P. lembosiae*.

[**Protostegiomycetes**] **lembosiae** Batista & Vital apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 95, 1955 on *Lembosia byrsomimae*.—Brazil.

Psathyrella appendiculata (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 207, 1953. [Syn. *Agaricus appendiculatus* Fr.].

— **artemisiae** (Passerini) Konrad & Maublanc, *Les Agaricales* (*Encycl. Mycol.* 14), p. 127, 1949. [Syn. *Agaricus artemisiae* Passerini].

— **battarae** (Fr.) Konrad & Maublanc, *Les Agaricales* (*Encycl. Mycol.* 14), p. 128, 1949. [Syn. *Agaricus battarae* Fr.].

— **caput-medusae** (Fr.) A. H. Smith & Stuntz (this *Index*, **2**, p. 8). Combination already made by Konrad & Maublanc, *Les Agaricales* (*Encycl. Mycol.* 14), p. 127, 1949.

— **cernua** (Vahl ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 209, 1953. [Syn. *Agaricus cernuus* Vahl ex Fr.].

— **conopilea** (Fr.) Pearson & Dennis in *Trans. Brit. mycol. Soc.*, **31**, p. 185, 1948. [Syn. *Agaricus conopileus* Fr.].

— **cotonea** (Quél.) Konrad & Maublanc, *Les Agaricales* (*Encycl. Mycol.* 14), p. 126, 1949. (Syn. *Stropharia cotonea* Quél.).

— **egenula** (Berk. & Br.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 207, 1953. [Syn. *Agaricus egenulus* Berk. & Br.].

— **fagicola** (Lasch) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 209, 1953. [Syn. *Agaricus fagicola* Lasch].

— **fatua** (Fr.) Pearson (this *Index*, **2**, p. 107). Combination already made by Konrad & Maublanc, *Les Agaricales* (*Encycl. Mycol.* 14), p. 125, 1949.

— **gyroflexa** (Fr.) Konrad & Maublanc, *Les Agaricales* (*Encycl. Mycol.* 14), p. 124, 1949. [Syn. *Agaricus gyroflexus* Fr.].

— **hypsipoda** (Fr.) Konrad & Maublanc, *Les Agaricales* (*Encycl. Mycol.* 14), p. 128, 1949. [Syn. *Agaricus hypsipus* Fr.].

— **jerdonii** (Berk. & Br.) Konrad & Maublanc, *Les Agaricales* (*Encycl. Mycol.* 14), p. 127, 1949. [Syn. *Agaricus jerdonii* Berk. & Br.].

— **lacrimabunda** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 204, 1953. [Syn. *Agaricus lacrimabundus* Fr.].

— **melanthina** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 204, 1953. [Syn. *Agaricus melanthinus* Fr.].

— **microrhiza** (Lasch) Singer (this *Index*, **2**, p. 87). Combination already made by Konrad & Maublanc, *Les Agaricales* (*Encycl. Mycol.* 14), p. 123, 1949.

— **oedipus** (Cooke) Konrad & Maublanc, *Les Agaricales* (*Encycl. Mycol.* 14), p. 128, 1949. (Syn. *Agaricus oedipus* Cooke).

— **papyracea** (Pers. ex Fr.) Moser [as '(Bolt. ex Fr.)' in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 208, 1953. [Syn. *Agaricus papyraceus* Pers. ex Fr.].

— **pyrotricha** (Holmsk. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 204, 1953. [Syn. *Agaricus pyrotrichus* Holmsk. ex Fr.].

— **scobinacea** (Fr.) Singer (this *Index*, **2**, p. 87). Combination already made by Konrad & Maublanc, *Les Agaricales* (*Encycl. Mycol.* 14), p. 128, 1949.

— **spintrigera** (Fr.) Konrad & Maublanc, *Les Agaricales* (*Encycl. Mycol.* 14), p. 128, 1949. [Syn. *Agaricus spintriger* Fr.].

— **squamosa** (Karst.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, II b, p. 237, 1955. [Syn. *Psathyrella pennata* (Fr.) Quél. var. *squamosa* Karst.].

— **storea** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 204, 1953. [Syn. *Agaricus storea* Fr.].

— **torpens** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 208, 1953. [Syn. *Agaricus torpens* Fr.].

— **typhae** (Kalchbr.) Singer (this *Index*, **2**, p. 87). Combination already made by Pearson & Dennis in *Trans. Brit. mycol. Soc.*, **31**, p. 185, 1948. See also '*Psathyrella typhae* (Kalchbr.) Kühn' var. *sulcatotuberculosa* (this *Index*, **1**, p. 268).

PSEUDOARMILLARIELLA (Sing.) Singer in *Mycologia*, **48**, p. 725, 1956. (Syn. *Cantharellula* subgen. *Pseudoarmillariella* Singer).—Agaricaceae. Sp. typ.: *P. ectypoides*.

— **ectypoides** (Peck) Singer in *Mycologia*, **48**, p. 725, 1956. (Syn. *Cantharellula ectypoides* (Peck) Singer [*Agaricus ectypoides* Peck]).

Pseudobalsamia nigrens (Harkn.) Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 18, 1954. (Syn. *Balsamia nigrens* Harkn.).

Pseudobotryotis terrestris (Timonin) Subramanian in *Proc. Indian Acad. Sci., Sect. B*, **43**, p. 277, 1956. (Syn. *Spicularia terrestris* Timonin).

PSEUDOCLITOCYBE (Sing.) Singer in *Mycologia*, **48**, p. 725, 1956. (Syn. *Cantharellula* subgen. *Pseudoclitocybe* Singer).—Agaricaceae. Sp. typ.: *P. cyathiformis*.

— **cyathiformis** (Bull. ex Fr.) Singer in *Mycologia*, **48**, p. 725, 1956. (Syn. *Cantharellula cyathiformis* (Bull. ex Fr.) Sing. [*Agaricus cyathiformis* Bull. ex Fr.]).

Pseudonectria ornata Batista & Maia apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 74, 1955 on living leaves of indet. plant.—Brazil.

PSEUDOOMPHALINA (Sing.) Singer in *Mycologia*, **48**, p. 725, 1956. (Syn. *Cantharellula* subgen. *Pseudoomphalina* Singer).—Agaricaceae. Sp. typ.: *P. kalchbrenneri*.

— **kalchbrenneri** (Bres.) Singer in *Mycologia*, **48**, p. 725, 1956. (Syn. *Omphalia kalchbrenneri* Bres.).

Pseudopeziza eucalypti Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 40, 1956 on leaves of *Eucalyptus*.—South Australia. (Conidia: *Gloeosporiella eucalypti* Hansford).

Puccinia ammophilina Mains ex Cummins in *Mycologia*, **48**, p. 604, 1956 on *Ammophila arenaria*.—Oregon, U.S.A.

— **andalgalensis** Lindquist in *Darwiniana*, *B. Aires*, **11**, p. 18, 1955 on leaves of *Calycera pulvinata*.—Argentina.

— **bewsiae** Cummins in *Bull. Torrey bot. Cl.*, **83**, p. 226, 1956 on *Bewisia biflora*.—Nyasaland.

— **biocellata** Vestergren ex Cummins in *Mycologia*, **48**, p. 606, 1956 on *Pluchea fastigiata*.—Argentina.

— **callosa** Jørstad in *Ark. Bot.*, Ser. 2, **3**, p. 474, 1956 on *Vernonia obtusata*.—Brazil.

— **chimboragoensis** Jørstad in *Ark. Bot.*, Ser. 2, **3**, p. 458, 1956 on *Arenaria serpens*.—Ecuador.

— **cissi** Cummins in *Bull. Torrey bot. Cl.*, **83**, p. 226, 1956 on *Cissus*.—Kenya.

[*Puccinia*] *completa* Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 447, 1956 on *Phaedranassa*.—Ecuador.

— *coronifera* Kleb. forma specialis *agrostis* Azbukina in *Bot. Matep.* (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 11, pp. 151 and 153, 1956 on *Agrostis*.—Maritime Territory, U.S.S.R. [Russian diagnosis.]

— forma specialis *beckmanniae* Azbukina in *Bot. Matep.* (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 11, pp. 151, 153 and 156 on *Beckmannia syzigachne*.—Maritime Territory, U.S.S.R. [Russian diagnosis.]

— *costina* Cummins in *Mycologia*, 48, p. 605, 1956 on *Costus*.—New Guinea. (*Puccinia costina* (Syd.) Cummins, nom. nud. [this Index, 1, p. 45].)

— *degener* Mains & Holway ex Cummins in *Mycologia*, 48, p. 605, 1956 on *Salvia myriantha*.—Guatemala.

— *dusenii* Lindquist in *Darwiniana*, B. Aires, 11, p. 20, 1955 on leaves of *Boopis* ['sp. adhuc ignota aff. *patagonica*'].—Argentina.

— *echinulata* Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 465, 1956 on *Dysodia serratifolia*.—Mexico.

— *ferulae-turkestanicae* Korbonshaja in *Bot. Matep.* (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 11, p. 149, 1956 on leaves, petioles, and stems of *Ferula clematidifolia*.—Tadzhikistan, U.S.S.R.

— *granchaoensis* Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 464, 1956 on *Mikania*.—Bolivia.

— *hyparrheniae* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 226, 1956 on *Hyparrhenia variabilis*.—Nyasaland.

— *hyparrheniocola* Jørstad & Cummins apud Cummins in *Bull. Torrey bot. Cl.*, 83, p. 227, 1956 on *Hyparrhenia hirta*.—Canary Islands.

— *jalapensis* (Holway) Bartholomew ex Cummins in *Mycologia*, 48, p. 605, 1956. (Syn. *Aecidium jalapense* Holway, the type of which bears teliospores, now described.)

— *jorstadii* Ahmad nom. nov. in *Biologia*, 2, p. 57, 1956. (Syn. *Puccinia nitida* Barcl. [1890] non *Puccinia nitida* (Str.) Roehl. [1813].) [Non *Puccinia jorstadii* Rytz, 1927.]

— *longispora* Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 476, 1956 on *Vernonia pycnantha*.—Ecuador.

— *loudetiae-superbae* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 227, 1956 on *Loudetia superba*.—Nyasaland.

— *mariae-wilsoniae* G. W. Clint. var. *montiae* Savile apud Savile & Parmelee in *Mycologia*, 48, p. 574, 1956 on *Montia sibirica*.—Washington State, U.S.A.

— *millegranae* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 228, 1956 on *Panicum millegrana*.—Brazil.

— *modesta* Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 476, 1956 on *Vernonia remotiflora*.—Paraguay.

— *moschopsidis* Lindquist in *Darwiniana*, B. Aires, 11, p. 19, 1955 on leaves of *Moschopsis monocephala*.—Argentina.

— *neorotundata* Cummins nom. nov. in *Mycologia*, 48, p. 606, 1956 on *Compositae*.—Brazil. (Syn. *Puccinia rotundata* Diet., 1897, non Bonorden, 1860).

— *nysaensis* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 228, 1956 on *Panicum pectinatum*.—Nyasaland.

— *nysalandica* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 228, 1956 on *Brachiaria decumbens*.—Nyasaland.

— *ottochloae* T. S. Ramakrishnan in *Proc. Indian Acad. Sci., Sect. B*, 44, p. 117, 1956 on leaves of *Ottochloa nodosa*.—South India.

— *pappophori* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 229, 1956 on *Pappophorum mucronulatum*.—Bolivia.

— *perotidis* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 229, 1956 on *Perotis indica*.—Sierra Leone.

— *poae-sudeticae* (West.) Jørstad forma specialis *poae* Azbukina in *Bot. Matep.* (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 11, pp. 152 and 154, 1956 on *Poa compressa*, *P. palustris*, *P. pratensis* and *P. trivialis*.—Maritime Territory, U.S.S.R. [Russian diagnosis.]

— *ramelianoides* Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 455, 1956 on *Berberis*.—Bolivia.

— *saltensis* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 231, 1956 on *Stipa tucumana*.—Argentina.

— *stenomessi* Jørstad [as 'stenomessonis'] in *Ark. Bot.*, Ser. 2, 3, p. 447, 1956 on *Stenomesson*.—Ecuador.

— *variooides* Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 445, 1956 on *Aphelandra*.—Ecuador.

— *zingiberis* T. S. Ramakrishnan in *Proc. Indian Acad. Sci., Sect. B*, 44, p. 117, 1956 on leaves of *Zingiber officinale*.—South India.

Pullularia fermentans Wynne & Gott in *J. gen. Microbiol.*, 14, p. 516, 1956 from man.—Texas, U.S.A.

— var. *benedekii* Wynne & Gott in *J. gen. Microbiol.*, 14, p. 518, 1956 from *Lecanium corni*.

— var. *castellanii* Wynne & Gott in *J. gen. Microbiol.*, 14, p. 518, 1956 from man.

— var. *fusca* (Browne) Wynne & Gott in *J. gen. Microbiol.*, 14, p. 516, 1956. (Syn. *Monilia fusca* Browne).

— var. *leaoi* Wynne & Gott in *J. gen. Microbiol.*, 14, p. 517, 1956 from man.

— var. *melinilii* Wynne & Gott in *J. gen. Microbiol.*, 14, p. 517, 1956.

— var. *schoenii* Wynne & Gott in *J. gen. Microbiol.*, 14, p. 517, 1956.

Ramaria camelicolor Corner, Thind & Anand var. *camelicolor* in *Trans. Brit. mycol. Soc.*, 39, p. 480, 1956 on soil in oak forest.—North-West Himalayas, India.

— var. *rufa* Corner, Thind & Anand in *Trans. Brit. mycol. Soc.*, 39, p. 481, 1956 on soil in oak forest.—North-West Himalayas, India.

— *clarobrunnea* Corner, Thind & Anand in *Trans. Brit. mycol. Soc.*, 39, p. 478, 1956 on soil in oak forest.—North-West Himalayas, India.

— *flaviceps* Corner, Thind & Anand var. *cremea* Corner, Thind & Anand in *Trans. Brit. mycol. Soc.*, 39, p. 476, 1956 on soil in oak forest.—North-West Himalayas, India.

— var. *flaviceps* in *Trans. Brit. mycol. Soc.*, 39, p. 475, 1956 on soil in oak forest.—North-West Himalayas, India.

Ravenelia mimosae-himalayanae Ahmad [as 'mimosae-himalayae'] in *Biologia*, 2, p. 80, 1956 on leaves of *Mimosa himalayana*.—West Pakistan.

— *sayeedii* Salam & Ramachar in *J. Indian bot. Soc.*, 35, p. 153, 1956 on leaves of *Sophora glauca*.—India.

***Rhinosporidium amazonicum** Aben-Athar in *Rev. Acad. Med., Pará*, 2, 3, p. 6, 1944 on man.—Brazil.

Rhizophyllum heimii Motte in *Rev. Mycol.*, **Paris**, **21**, p. 56, 1956 on *Chlamydomonas rheinhardi*.—France.

Rhizopogon vulgaris (Vitt.) M. Lange in *Dansk bot. Ark.*, **16**, 1, p. 56, 1956. (Syn. *Hysteriomyces vulgaris* Vitt.).

Rhodophyllum acutoconicus Hongo in *J. Jap. Bot.*, **31**, p. 252, 1956 among *Sasa*.—Japan.

— **asprellus** (Fries) Quél. var. **gracilis** Romagnesi in *Bull. Jard. bot. Brux.*, **26**, p. 176, 1956 in dry forest.—Belgian Congo.

— **callidermus** Romagnesi [as 'Rhodophyllum (Entoloma) callidermus'] in *Bull. Jard. bot. Brux.*, **26**, p. 163, 1956 in forest.—French West Africa.

— **cuboidosporus** (Beeli) Romagnesi in *Bull. Jard. bot. Brux.*, **26**, p. 171, 1956. (Syn. *Tubaria cuboidospora* Beeli).

— **cyananthes** Romagnesi [as 'Rhodophyllum (Eccilia) cyananthes'] in *Bull. Jard. bot. Brux.*, **26**, p. 174, 1956 in dry forest.—Belgian Congo.

— **ealaensis** (Beeli) Romagnesi in *Bull. Jard. bot. Brux.*, **26**, p. 158, 1956. (Syn. *Leptonia ealaensis* Beeli).

— **fibulatus** Romagnesi [as 'Rhodophyllum (Leptonia) fibulatus'] in *Bull. Jard. bot. Brux.*, **26**, p. 179, 1956 on dead branches and leaves in plantation of *Coffea arabica*.—Belgian Congo.

— **flavofuscus** Romagnesi [as 'Rhodophyllum (Entoloma) flavofuscus'] in *Bull. Jard. bot. Brux.*, **26**, p. 150, 1956 in dry forest.—Belgian Congo.

— **lisalensis** (Beeli) Romagnesi in *Bull. Jard. bot. Brux.*, **26**, p. 152, 1956. (Syn. *Galera lisalensis* Beeli).

— **mammifer** Romagnesi [as 'Rhodophyllum (Nolanea) mammifer'] in *Bull. Jard. bot. Brux.*, **26**, p. 156, 1956 in plantation of *Coffea arabica*.—Belgian Congo.

— **mycenoides** Hongo in *J. Jap. Bot.*, **31**, p. 253, 1956 among moss.—Japan.

— **nidorosiformis** Romagnesi [as 'Rhodophyllum (Entoloma) nidorosiformis'] in *Bull. Jard. bot. Brux.*, **26**, p. 160, 1956 in plantation of *Coffea arabica*.—Belgian Congo.

— **semilanceatus** Romagnesi [as 'Rhodophyllum (Nolanea) semilanceatus'] in *Bull. Jard. bot. Brux.*, **26**, p. 144, 1956 in dry forest.—Belgian Congo.

— **tigrinellus** Romagnesi var. **hysginus** Romagnesi in *Bull. Jard. bot. Brux.*, **26**, p. 146, 1956 in plantation of *Coffea arabica*.—Belgian Congo.

Rhodotorula macerans Frederiksen in *Friesia*, **5**, p. 237, 1956 from field-retted flax straw.—Denmark.

RIBALDIA Ciferri in *Atti Ist. bot. Univ. Pavia*, Ser. 5, **10**, p. 243, 1954.—Leptostromataceae. Sp. typ.: *R. coryli*.

— **coryli** (Fuckel) Ciferri in *Atti Ist. bot. Univ. Pavia*, Ser. 5, **10**, p. 244, 1954. (Syn. *Leptothyrium coryli* Fuckel).

Robillarda palmicola Batista & Lima in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 46, 1955 on leaves of *Cocos nucifera*.—Brazil.

Roestelia guatemaliana (Crowell) Cummins in *Mycologia*, **48**, p. 606, 1956. (Syn. *Gymnosporangium guatemalianum* Crowell).

Rosellinia didolotii Saccas in *Agron. trop.*, *Nogent*, **11**, p. 588, 1956 on dead trunks, branches and roots of *Coffea robusta*.—French Equatorial Africa.

— **erianthi** Chona & Munjal in *Indian Phytopath.*, **8** (1955), p. 186, 1956 in collar region of dead clumps of *Erianthus munja*.—Delhi Province, India.

— **megalospora** Saccas in *Agron. trop.*, *Nogent*, **11**, p. 592, 1956 on dead twigs, branches, trunks and roots of *Coffea excelsa*.—French Equatorial Africa.

***Russula crawshayiana** Blum [as 'nom. nov.'] in *Bull. Soc. mycol. Fr.*, **72**, p. 152, 1956.—? France.

*— **luteotacta** Rea var. **semitalis** Blum in *Bull. Soc. mycol. Fr.*, **72**, p. 143, 1956 in roadside grass verge.—? France.

*— — var. **serrulata** Blum in *Bull. Soc. mycol. Fr.*, **72**, p. 142, 1956 in pasture.—France.

Saccardomyces asterinae (Hansf.) Batista & Maia apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 101, 1955. (Syn. *Nematothecium asterinae* Hansford).

— **lembosicola** Batista & Maia [as 'lembosicola'] apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 102, 1955 on *Lembosia byrsonimae* on *Byrsonia sericea*.—Brazil.

Saccharomyces cerevisiae Hansen var. **tetrasporus** (Dekker) Phaff, Miller & Shifrine [as 'Beijerinck'] in *Leeuwenhoek ned. Tijdschr.*, **22**, pp. 147 and 149, 1956. (Syn. *Saccharomyces mangini* Guilliermond var. *tetrasporus* Dekker, = *Saccharomyces tetrasporus* Beijerinck, nom. nud.).

— **delphensis** Van Der Walt & Tscheuschner in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 165, 1956 from sugary efflorescence on dried figs.—Cape Province, South Africa.

— **kluyveri** Phaff, Miller & Shifrine in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 159, 1956 from *Drosophila pinicola*.—California, U.S.A.

— **montanus** Phaff, Miller & Shifrine nom. nov. [as 'Naganishi nov. comb.'] in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 148, 1956. (Syn. *Zygosaccharomyces fermentati* Naganishi, non *Saccharomyces fermentati* (Saito) Lodder & Kreger-van Rij).

— **transvaalensis** Van Der Walt in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 192, 1956 from soil.—Transvaal, South Africa.

— **wickerhamii** Phaff, Miller & Shifrine in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 159, 1956 from *Drosophila montana* and *D. pinicola*.—California.

Scherffeliomyces leptorrhizus Johns in *Mycologia*, **48**, p. 433, 1956 on *Zygnema*.—Michigan, U.S.A.

— **scherffelii** (Domján) Johns in *Mycologia*, **48**, p. 437, 1956. (Syn. *Coralliochytrium scherffelii* Domján).

***Schizostoma melanospermum** Kirschstein in Schieferdecker, *Die Schlauchpilze der Flora von Hildesheim*, p. 32, 1954 on rotten wood of broad-leaved tree.—Germany.

Schizothryrella angustispora Chevaugeon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 70, 1956 on dead twigs of *Manihot utilissima*.—Ivory Coast.

SCHIZOTRICHIELLA Morris in *Mycologia*, **48**, p. 733, 1956.—Tuberculariaceae. Sp. typ.: *S. lunata*.

— **lunata** Morris in *Mycologia*, **48**, p. 735, 1956 from *Cantherellus odoratus*.—Republic of Panama.

SCOLECOXYPHIUM Ciferri & Batista apud Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, 47, p. 5, 1956.—Capnodiales Imperfectae. Sp. typ.: *S. fraseriae*.—*fraseriae* Ciferri & Batista [as 'fraseri'] apud Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, 47, p. 5, 1956 on leaves of *Jambosa malaccensis*.—Brazil.

Scopella bauhinicola Cummins in *Mycologia*, 48, p. 606, 1956 on *Bauhinia heterophylla*.—Cuba. (*Scopella bauhinicola* (P. Henn.) Cummins, nom. nud. [this *Index*, 1, p. 9].)

—*sapotae* Mains ex Cummins in *Mycologia*, 48, p. 607, 1956 on *Achras zapota*.—British Honduras.

Septocylindrium angelicae Katsuki in *Kyushu Agr. Res.*, 11, p. 42, 1953 on leaves of *Angelica polyclada*.—Japan.

Septogloewum savulescui Negru in *Bul. sti. Acad. Repub. rom.*, 6, 3, p. 1027, 1954 on leaves of *El[la]eagnus angustifolia*.—Rumania.

—*sojae* Yoshii & Nishizawa apud Nishizawa, Kinoshita & Yoshii in *Ann. Phytopath. Soc. Japan*, 20, p. 14, 1955 on leaves, petioles, stems and fruits of *Glycine max*.—Japan.

Septonema trichomeriicola Ciferri, Batista & Nascimento [as 'trichomeriicola'] in *Publ. Inst. Mic. Univ. Recife*, 47, p. 4, 1956 on *Trichomerium jambosae* on *Jambosa malaccensis*.—Brazil.

Septoria acaciae Neergaard in *Friesia*, 5, p. 330, 1956 on phyllodes of *Acacia armata*.—Denmark.

—*adhatodae* Chona & Munjal in *Indian Phytopath.*, 8 (1955), p. 192, 1956 on leaves of *Adhatoda vasica*.—Delhi Province, India.

—*cucumis* Rodigin in Bot. Matep. (Not. syst. Sect. crypt. *Inst. bot. Acad. Sci. U.S.S.R.*), 11, p. 165, 1956 on leaves of *Cucumis sativus*.—Bashkir Republic, U.S.S.R.

—*ixodiae* Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 35, 1956 on leaves and stems of *Ixodia achilleoides*.—South Australia. (Comidial *Mycosphaerella ixodiae* Hansford.)

—*scabra* Rodigin in Bot. Matep. (Not. syst. Sect. crypt. *Inst. bot. Acad. Sci. U.S.S.R.*), 11, p. 166, 1956 on leaves of *Ulmus scabra*.—Bashkir Republic, U.S.S.R.

—*sinapis-albae* Rodigin in Bot. Matep. (Not. syst. Sect. crypt. *Inst. bot. Acad. Sci. U.S.S.R.*), 11, p. 165, 1956 on leaves of *Sinapis alba*.—Bashkir Republic, U.S.S.R.

Sepultaria herinkii Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 86, 1948 under bushes on black moist soil.—Czechoslovakia.

SHANORELLA R. K. Benjamin in *El Aliso*, 3, p. 319, 1956.—Gymnoascaceae. Sp. typ.: *S. spirotricha*.

—*spirotricha* R. K. Benjamin in *El Aliso*, 3, p. 319, 1956 on feathers of dead bird.—California, U.S.A.

SHANORIA Subramanian & K. Ramakrishnan in *Trans. Brit. mycol. Soc.*, 39, p. 317, 1956.—Sphaeropsidales. Sp. typ.: *S. bambusarum*.

—*bambusarum* (Shanor) Subramanian & K. Ramakrishnan in *Trans. Brit. mycol. Soc.*, 39, p. 317, 1956. (Syn. *Ciliochorella bambusarum* Shanor).

***Sirodesmium ellipsoideum** Neergaard [as 'n. sp. ad int.'] apud Robak in *Friesia*, 5, p. 386, 1956 on *Picea abies*.—Norway.

Sorosporium aeluropidis Ahmad [as 'aeluropidis'] in *Mycol. Pap.*, C.M.I., 64, p. 10, 1956 on inflorescence of *Aeluropus* [as 'Aeluropis'] *lagopodioides*.—West Pakistan.

—*arthraxonis* Ahmad in *Mycol. Pap.*, C.M.I., 64, p. 10, 1956 on inflorescence of *Arthrazon lanceolatus*.—West Pakistan.

—*baluchistani* Ahmad in *Mycol. Pap.*, C.M.I., 64, p. 10, 1956 on inflorescence of *Bothriochloa*.—Baluchistan, West Pakistan.

—*bullatum* (Pavgi & Thirumalachar) Pavgi & Thirumalachar in *Mycopathologia*, 7, p. 284, 1956. (Syn. *Sorosporium consanguineum* Ell. & Ev. var. *bullatum* Pavgi & Thirumalachar).

—*cornutum* Pavgi & Thirumalachar in *Mycopathologia*, 7, p. 282, 1956 in ovaries of *Cymbopogon confertiflorus*.—Madras Province, India.

—*cymbopogonis* (Mundkur) Thirumalachar & Pavgi in *Mycopathologia*, 7, p. 283, 1956. (Syn. *Tolyposporium cymbopogonis* Mundkur).

—*paspali* McAlpine var. *verrucosum* Thirumalachar & Pavgi in *Mycopathologia*, 7, p. 283, 1956 on *Paspalum scrobiculatum*.—Bihar Province, India.

***SPARTIELLA** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, 12, p. 18, 1950.—Trichomycetes. Sp. typ.: *S. barbata*.

***barbata** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, 12, p. 18, 1950 in larvae of *Boett gemellus*.—France.

Sphacelotheca bothriochloae-intermediae (Padwick) Narasimhan apud Thirumalachar & Pavgi in *Mycopathologia*, 7, p. 287, 1956. (Syn. *Ustilago bothriochloae-intermediae* Padwick).

—*indica* (Mundkur) Thirumalachar & Pavgi in *Mycopathologia*, 7, p. 284, 1956. (Syn. *Sorosporium indicum* Mundkur).

—*microstegii* Ahmad [as 'microstegiae'] in *Mycol. Pap.*, C.M.I., 64, p. 6, 1956 on inflorescence of *Microstegium nudum*.—West Pakistan.

—*monakai* Mishra in *Mycologia*, 48, p. 406, 1956 in ovaries of *Isachne dispar*.—Bihar Province, India.

—*pakistanaica* Ahmad in *Mycol. Pap.*, C.M.I., 64, p. 7, 1956 on inflorescence of *Capillipedium parviflorum*.—West Pakistan.

—*pennisetina* Ahmad in *Mycol. Pap.*, C.M.I., 64, p. 7, 1956 on inflorescence of *Pennisetum flaccidum*.—West Pakistan.

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Sphaeronomia camarae Lucas in *Agron. lusit.*, 18, p. 118, 1956 on twigs of *Echium rosulatum*.—Portugal.

—*medicaginis* Karimov in Bot. Matep. (Not. syst. Sect. crypt. *Inst. bot. Acad. Sci. U.S.S.R.*), 11, p. 127, 1956 on old stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.

Sphaerosoma mucidum (Rodway) Hansford [as 'mucida'] in *Proc. Linn. Soc. N.S.W.*, 81, p. 38, 1956. (Syn. *Spragueola mucida* Rodway).

Sphaerospora brunnea (Alb. & Schw. ex Fr.) Massee forma *sordida* (Vel.) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 65, 1948. (Syn. *Sphaerospora sordida* Vel.).

—*trechispora* (Berk. & Br.) Sacc. forma *paludicola* (Boudier) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 67, 1948. (Syn. *Ciliaria trechispora* (Berk. & Br.) Boudier var. *paludicola* Boudier).

Sphaerotheca verbena Săvălescu & Negru

(this *Index*, 2, p. 251) was first published, with Latin diagnosis, in *Bull. střint. Acad. române*, 5, p. 415, 1953.

Spilomyces dendriticus Hansford [as 'dendritic'] in *Proc. Linn. Soc. N.S.W.*, 81, p. 32, 1956 on leaves of *Eucalyptus odorata*.—South Australia.

Sporobolomyces roseus Kluyver & Van Niel var. *madurae* Janke in *Zbl. Bakt.*, Abt. 1, 161, p. 518, 1954 on man.

SQUAMANITA Imbach in *Mitt. Naturf. Ges. Luzern*, 15, p. 81, 1946.—Agaricaceae. Sp. typ.: *S. schreieri*.

— **macrocephala** (Schulz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 66, 1953. [Syn. *Agaricus macrocephalus* Schulz.]

— **odorata** (Cool) Imbach in *Mitt. Naturf. Ges. Luzern*, 15, p. 83, 1946. (Syn. *Lepiota odorata* Cool).

— **schreieri** Imbach in *Mitt. Naturf. Ges. Luzern*, 15, p. 81, 1946 in woods by streams.—Switzerland.

Stagonospora manihotis Chevaugeon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 68, 1956 on leaves of *Manihot utilissima*.—Ivory Coast and Oubangui-Chari. ['Est status pycnidicus *Cercosporae caribaeae* Chupp et Ciferr.]

Stegansporium lycii Zerova in *J. Bot. Acad. Sci. Ukr.*, 13, 1, p. 85, 1956 on branches of *Lycium barbarum*.—Ukraine, U.S.S.R.

Stereum hispidulum (Berk.) G. H. Cunningham in *Proc. Linn. Soc. N.S.W.*, 77 (1952), p. 284, 1953. (Syn. *Phlebia hispidula* Berk.).

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*— **albidofuscus** Okami & Umezawa apud Okami, Maeda & Umezawa in *J. Antibiotics*, Ser. A, 7, p. 55, 1954.—? Japan. [English diagnosis.]

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— **rosetum** Vital in *Publ. Inst. Mic. Univ. Recife*, 15, p. 5, 1956 on leaves of *Coccobola paniculata*.—Brazil.

Suillus collinitus (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, II b, p. 29, 1955. [Syn. *Boletus collinitus* Fr.].

SYMPHYOSIRINIA E. A. Ellis in *Trans. Norfolk Norw. Nat. Soc.*, 18, p. 5, 1956.—Discomycetes. Sp. typ.: *S. galii*.

— **angelicae** E. A. Ellis in *Trans. Norfolk Norw. Nat. Soc.*, 18, p. 11, 1956 on fallen fruit of *Angelica sylvestris*.—England.

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— **chlorina** (Mass.) G. H. Cunningham [as 'chlorinus'] in *Proc. Linn. Soc. N.S.W.*, 77 (1952), p. 279, 1953. (Syn. *Hypochnus chlorinus* Massene).

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*— **hoehnelii** Skovsted [as 'höhnelli'] in *C. R. Lab. Carlsberg, Sér. physiol.*, 25, p. 29, 1950 [as 'nom. nov.' for *T. subfusca* (Karst.) v. Höhn. & Litsch. as described by v. Höhn. & Litsch., nom *Hypochnus subfusca* Karst. as described by Karsten].

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*— **pseudoferruginea** Skovsted in *C. R. Lab. Carlsberg, Sér. physiol.*, 25, p. 18, 1950 [as 'nom. nov. Syn. *Tomentella ferruginea* (Pers.) sensu Schroeter, *Hypochnus ferrugineus* Pers. sensu Burt, *Tomentella ferruginea* Pers. sensu Bourd. & Galz., *Tomentella subferruginea* (Burt) Donk pro parte'].

— **pseudofusca** Skovsted in *C. R. Lab. Carlsberg, Sér. physiol.*, 25, p. 27, 1950 on *Fagus*.—Denmark.

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— **obliqua** Cain apud Cain & Farrow in *Canad. J. Bot.*, **34**, p. 692, 1956 from Liberian antelope dung.—Africa.

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— **pes-gallinae** Ciferrí, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, **50**, p. 3, 1956 on leaves of *Citrus aurantium*.—Brazil.

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— **aspodelii** Massenot in *Rev. Path. vég.*, **34**, p. 198, 1955 on leaves of *Asphodelus* ? *cerasifer*.—Morocco.

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— **adenocaulonis** (Jackson) Cummins in *Mycologia*, **48**, p. 607, 1956. (Syn. *Coleosporium adenocaulonis* Jackson, based on uredia.)

— **alaskana** (Mains) Cummins in *Mycologia*, **48**, p. 607, 1956. (Syn. *Pucciniastrum alaskanum* Mains, based on uredia.)

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— **insignis** Lindquist in *Darwiniana*, B. Aires, **11**, p. 22, 1955 on leaves of *Nastanthus [Boopis]*.—Argentina.

— **investita** (Faull) Cummins in *Mycologia*, **48**, p. 608, 1956. (Syn. *Uredinopsis investita* Faull, based on uredia.)

— **mexicana** (Arthur) Cummins in *Mycologia*, **48**, p. 608, 1956. (Syn. *Pileolaria mexicana* Arthur, based on uredia.)

— **neopustulata** Cummins nom. nov. in *Mycologia*, **48**, p. 608, 1956 on leaves of *Stenorhynchus*.—Brazil. (Syn. *Uredo pustulata* P. Henn., 1899, non *Uredo pustulata* Pers., 1801.)

— **obovata** (Arthur) Cummins in *Mycologia*, **48**, p. 608, 1956. (Syn. *Desmella obovata* Arthur, based on uredia.)

— **otostegiae** Ahmad in *Biologia*, **2**, p. 92, 1956 on leaves of *Otospora limbata*.—West Pakistan.

— **pallatangae** Jørstad in *Ark. Bot.*, Ser. 2, **3**, p. 485, 1956 on *Dioscorea*.—Ecuador.

— **piscariae** (Jackson) Cummins in *Mycologia*, **48**, p. 608, 1956. (Syn. *Melampsora piscariae* Jackson, based on uredia.)

— **pterocarpi** T. S. Ramakrishnan in *Proc. Indian Acad. Sci., Sect. B*, **44**, p. 118, 1956 on leaves of *Pterocarpus marsupium*.—South India.

— **spigeliae** (Arthur) Cummins in *Mycologia*, **48**, p. 608, 1956. (Syn. *Coleosporium spigeliae* Arthur, based on uredia.)

Uromyces conicus Jørstad in *Ark. Bot.*, Ser. 2, **3**, p. 457, 1956 on *Cleome*.—Bolivia.

— **eugentianae** Cummins nom. nov. in *Mycologia*, **48**, p. 608, 1956 on *Gentiana quinquefolia* var. *occidentalis*.—North America. (Syn. *Uromyces gentianae* Arthur, 1891, non *Uromyces gentianae* (Strauss) Léveillé, 1847.)

— **lespedezae-sericeae** Ahmad in *Biologia*, **2**, p. 86, 1956 on leaves of *Lespedeza sericea*.—West Pakistan.

— **nassellae** Cummins [as 'nassellae'] in *Bull. Torrey bot. Cl.*, **83**, p. 231, 1956 on *Nasella* *pubiflora*.—Bolivia.

— **ratoides** Jørstad in *Ark. Bot.*, Ser. 2, **3**, p. 479, 1956 on ? *Cayaponia*.—Ecuador.

— **snowdeniae** Cummins in *Bull. Torrey bot. Cl.*, **83**, p. 231, 1956 on *Snowdenia scabra*.—Kenya.

[**Uromyces**] **sporoboloides** Cummins in *Bull. Torrey bot. Cl.*, 83, p. 232, 1956 on *Sporobolus berteronianus*.—Ecuador.

— **unitus** Peck subsp. **montanensis** Savile apud Savile & Parmelee in *Mycologia*, 48, p. 582, 1956 on *Lewisia rediviva*.—Montana, U.S.A.

— subsp. **pacificus** Savile apud Savile & Parmelee in *Mycologia*, 48, p. 583, 1956 on *Spraguea umbellata*.—California, U.S.A.

— subsp. **spragueae** (Harkn.) Savile apud Savile & Parmelee in *Mycologia*, 48, p. 582, 1956. (Syn. *Uromyces spragueae* Harkn.).

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Ustilago chrysopogonis Ahmad in *Mycol. Pap.*, C.M.I., 64, p. 2, 1956 on inflorescence of *Chrysopogon grillus*.—West Pakistan.

— **jagdishwari** Mishra in *Mycologia*, 48, p. 408, 1956 in ovules of *Eriocaulon*.—Bihar Province, India.

— **nelsoniana** Savile apud Savile & Parmelee in *Mycologia*, 48, p. 585, 1956 in anthers of *Montia cordifolia*.—British Columbia Canada.

— **parasanthii** Thirumalachar & Pavgi in *Mycopathologia*, 7, p. 286, 1956 in inflorescence of *Rotboellia compressa*.—Bihar Province, India.

— **sparti** Massenot in *Rev. Path. vég.*, 34, p. 216, 1955 on spikelets of *Lygeum spartum*.—Tunisia.

UTHATOBASIDIUM Donk in *Reinwardtia*, 3, p. 376, 1956.—Corticiaceae [Thelephoraceae]. Sp. typ.: *Hypochnus fusisporus* Schroet. [Species not transferred.]

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— **rhodospora** (Wakef.) G. H. Cunningham in *Proc. Linn. Soc. N.S.W.*, 77 (1952), p. 291, 1953. (Syn. *Asterostromella rhodospora* Wakef.).

Venturia inaequalis (Cooke) Winter forma specialis **aucupariae** (Lasch) Menon in *Phytopath. Z.*, 27, p. 130, 1956. (Syn. *Sphaerella aucupariae* Lasch).

— forma specialis **cotoneasteris** Menon in *Phytopath. Z.*, 27, p. 131, 1956 on dead leaves of *Cotoneaster integerrima*.—Switzerland. [English diagnosis.]

— forma specialis **crataegi** (Aderh.) Menon in *Phytopath. Z.*, 27, p. 130, 1956. (Syn. *Venturia crataegi* Aderh.).

— forma specialis **malii** Menon in *Phytopath. Z.*, 27, p. 129, 1956 on dead leaves of *Pirus* [*Pyrus*] *malus*.—Switzerland. [English diagnosis.]

— **muelleri** Menon [as 'müller'] in *Phytopath. Z.*, 27, p. 136, 1956 on dead leaves of *Rosa pendulina*.—Switzerland and France.

— **tomentosae** Menon in *Phytopath. Z.*, 27, p. 132, 1956 on dead leaves of *Cotoneaster tomentosa*.—Switzerland.

Vibrissea mclennani Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 39, 1956 on wood.—Victoria, Australia.

— **queenslandica** Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 39, 1956 on the ground.—Queensland, Australia.

Volvariella cinerascens (Bres.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 109, 1953. [Syn. *Volvaria cinerascens* Bres.].

— **fuscidula** (Bres.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 110, 1953. [Syn. *Volvaria fuscidula* Bres.].

Wettsteinina coryli Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 37, 1956 on dead branches of *Corylus avellana*.—South Australia.

***Zygorhizidium verrucosum** Geitler in *Arch. Protistenk.*, 96, pp. 109 and 116, 1942 on *Mesotaenium caldarium* on moist soil.—Austria.

HOST INDEX

For Phanerogams see under families; for Algae, Fungi, Lichenes, and Pteridophyta see under those names; for animal hosts see under Insecta, Invertebrata, and Vertebrata.

ACANTHACEAE
Adhatoda vasica
Septoria adhatodae

Aphelandra
Puccinia variooides

Barleria *cuspidata*
Aecidium barleriae

AIZOACEAE
Mollugo cerviana
Thecaphora molluginis

ALGAE
Chlamydomonas rheinhardtii
Rhizophyllum heimii

Pleurococcus
Paryphidria cupaniae

Zygnema
Scherffeliomyces leptorrhizus

AMARANTHACEAE
Iresine
Aecidium iresines

AMARYLLIDACEAE	CAPPARIDACEAE
Phaedranassa	<i>Capparis cynophallophora</i>
<i>Puccinia completa</i>	<i>Irenopsis capparidicola</i>
Stenomesson	<i>Irenopsis capparidicola</i> var. <i>opposita</i>
<i>Puccinia stenomessi</i>	Cleome
ANACARDIACEAE	<i>Uromyces conicus</i>
Astronium fraxinifolium	CAPRIFOLIACEAE
<i>Meliola weigeltii</i> var. <i>fraxinifolii</i>	<i>Abelia chinensis</i>
Mangifera indica	<i>Cercospora abeliae</i>
<i>Physalospora mangiferae</i>	<i>Abelia grandiflora</i>
ANNONACEAE	<i>Cercospora abeliae</i>
Annona cherimolia	<i>Viburnum opulus</i>
<i>Phakopsora cherimoliae</i>	<i>Didymobotryopsis isingii</i>
Annona triloba	CARICACEAE
<i>Macrophoma anonae</i>	<i>Carica papaya</i>
Xylophia	<i>Colletotrichum gloeosporioides</i> forma <i>specialis</i>
<i>Ophiociliomyces xylopiae</i>	<i>manihotis</i>
APOCYNACEAE	CARYOPHYLLACEAE
Alstonia scholaris	<i>Arenaria serpens</i>
<i>Glomerella alstoniae</i>	<i>Puccinia chimbrazoensis</i>
Couma utilis	<i>Drymaria cordata</i>
<i>Phaeosaccardinula coumae</i>	<i>Cercospora drymariae</i>
Echites sulphurea	COMPOSITAE
<i>Crossopsora angusta</i>	<i>Puccinia neorotundata</i>
ARALLACEAE	<i>Barnadesia dombeyana</i>
Gilibertia trifida	<i>Aecidium barnadesiae</i>
<i>Cordana gilibertiae</i>	<i>Crepis japonica</i>
Polyscias guilfoylei	<i>Coleroa crepidis</i>
<i>Megaloxypodium ophidioglossum</i>	<i>Cryptostemma calendulaceum</i>
<i>Megaster longicornis</i>	<i>Aecidium cryptostemmatis</i>
<i>Microxyphium aciculiforme</i>	<i>Culcitium adscendens</i>
BALSAMINACEAE	<i>Aecidium culciti</i>
Impatiens chinensis	<i>Dysodia serratifolia</i>
<i>Synchytrium travancoricum</i>	<i>Puccinia echinulata</i>
BASELLACEAE	<i>Eupatorium lindleyanum</i>
Ullucus tuberosus	<i>Coleosporium eupatori</i>
<i>Aecidium ulluci</i>	<i>Haplopappus hypoleucus</i>
BERBERIDACEAE	<i>Uredo haplopappi</i>
Berberis	<i>Heterothalamus acaulis</i>
<i>Puccinia ramelianoides</i>	<i>Aecidium heterothalami</i>
BETULACEAE	<i>Ixodia achilleoides</i>
Corylus avellana	<i>Mycosphaerella ixodiae</i>
<i>Gloeosporium corylinum</i>	<i>Septoria ixodiae</i>
<i>Weltsteinia coryli</i>	<i>Ligularia stenocephala</i>
BIGNONIACEAE	<i>Phyllosticta ligulariae</i>
Couralia toxophora	<i>Mikania</i>
<i>Phyllosticta couraliae</i>	<i>Puccinia granchacoensis</i>
Heterophragma adenophyllum	<i>Pluchea fastigiata</i>
<i>Phyllosticta heterophragmatis</i>	<i>Puccinia biocellata</i>
BORAGINACEAE	<i>Tagetes erecta</i>
Echium rosulatum	<i>Macrophoma tagetis</i>
<i>Sphaeronomema camarae</i>	<i>Vernonia obtusata</i>
BROMELIACEAE	<i>Puccinia callosa</i>
Ananas	<i>Vernonia pycnantha</i>
<i>Anthostomella ananassicola</i>	<i>Puccinia longispora</i>
BURSERACEAE	<i>Vernonia remotiflora</i>
Protium heptaphyllum	<i>Puccinia modesta</i>
<i>Leptothyrium proticola</i>	<i>Werneria nubigena</i>
CACTACEAE	<i>Aecidium werneriicola</i>
Opuntia	<i>Werneria pygmaea</i>
<i>Phomatospora opuntiae</i>	<i>Aecidium werneriiae</i>
CALYCERACEAE	CONIFERAE
Boopis	<i>Chamaecyparis thyoides</i>
<i>Puccinia dusenii</i>	<i>Gymnosporangium hyalinum</i>
Calycera pulvinata	<i>Picea abies</i>
<i>Puccinia andalgalensis</i>	<i>Tomentella pilati</i> var. <i>laevis</i>
Moschopsis monoccephala	CONNARACEAE
<i>Puccinia moschopspidis</i>	<i>Rourea</i>
Nastanthus (Boopis)	<i>Leptothyrium roureae</i>
<i>Uredo insignis</i>	CONVOLVULACEAE
	<i>Dichondra repens</i>
	<i>Cercospora dichondrae</i>
	CORNACEAE
	<i>Aucuba japonica</i>
	<i>Macrophoma aucubicola</i>

CRUCIFERAE

Crambe abyssinica
Phyllosticta crambes
Sinapis alba
Ascochyta sinapis
Septoria sinapis-albae

CUCURBITACEAE

? *Cayaponia*
Uromyces ratoides
Cucumis sativus
Fusarium oxysporum forma *cucumberinum*
Septoria cucumis
Luffa cylindrica
Macrophoma luffae

DIOSCOREACEAE

Dioscorea
Uredo pallatangae

EBENACEAE

Diospyros philippensis
Megaster curvicornis

ELAEAGNACEAE

Elaeagnus angustifolia
Septogloeum savulescui

EMPETRACEAE

Empetrum nigrum
Chrysomyxa empetri

ERICACEAE

Rhododendron macrophyllum
Chrysomyxa piperiana

ERIOCAULACEAE

Eriocaulon
Ustilago jagdishwari

ERYTHROXYLACEAE

Erythroxylum havanense
Bubakia erythroxli

EUPHORBIACEAE

Acalypha
Phakopsora antiquensis
Homalanthus populifolius
Englerella homalanthi
Jatropha canescens
Phakopsora jathrophicola
Jatropha curcas
Colletotrichum gloeosporioides forma *specialis manihotis*
Jatropha multifida
Colletotrichum gloeosporioides forma *specialis manihotis*

KIRGANELIA

reticulata
Cerotelium kirganeliae

MACARANGA

roxburghii
Macrophoma macarangae

MANIHOT

glaziovii
Colletotrichum gloeosporioides forma *specialis manihotis*
utilissima
Auerswaldia robertiana
Camarops nigricans
Ceratophoma manihoticola
Colletotrichum gloeosporioides forma *specialis manihotis*
Diatrypella ivorensis
Dimerella hygrometrica
Glomerella cingulata forma *specialis manihotis*
Heterosporium luci
Leptosphaeria petri
Melanconium moreauii
Mycosphaerella helenae
Myiocopron manihoticola
Peroneutypa polymorpha
Schizothyrella angustispora
Stagonospora manihotis
Valsaria manihotis

EUPHORBIACEAE (continued)

Richeria
Ophiociliomyces richeriae
Ricinus communis
Melanconium moreauii

FAGACEAE

Fagus
Tomentella pseudofusca
Quercus nigra
Cronartium fusiforme
Quercus robur
Microsphaera hypophylla

FUNGI

Cantherellus odoratus
Schizotrichella lunata
Colletotrichum
Acladium ellipticum
Gloeotrichila anthuriicola
Didymaria acervulicola
Hendersonula toruloides
Graphium hendersonulae
Irene melastomacearum
Trichothyriomyces notatus
Irenopsis entebbeensis
Eriomyopsis biseptata
Irenopsis cynophalophorae
Nectria puberula var. *microspora*
Lasiodiplodia theobromae
Dendrodochium parasiticum
Lembosia byrsinimae
Protostegiomycetes lembosiae
Saccardomyces lembosicola
Meliola
Nascimentoa pseudoendogena
Parasterina cynophalophorae
Cephalosporiopsis asterinicola
Phaeosaccardinula pipericola
Phaeophragmeriella constricta
Stromatopycenium rosetum
Oudemium fungicola
Trichomerium jambosae
Septonema trichomeriicola

GENTIANACEAE

Gentiana quinquefolia var. *occidentalis*
Uromyces eugentiana

GERANIACEAE

Geranium capitatum
Lasiodiplodia frezaliana
Geranium macrorrhizum
Gloeosporium geranii

GRAMINEAE

Aelropus lagopodioides
Sorosporium aelropodidis
Agropyron campestre
Tuburcinia agropyri-campestris
Agrostis
Puccinia coronifera forma *specialis agrostis*
Ammophila arenaria
Puccinia ammophilina
Andropogon gerardi
Cylindrosporium andropogonis
Aristida cyanantha
Tolyposporium aristidae
Arthraxon lanceolatus
Sorosporium arthraxonis
Beckmannia syzigachne
Puccinia coronifera forma *specialis beckmanniae*
Bewisia biflora
Puccinia bewsiae
Bothriochloa
Sorosporium baluchistani

GRAMINEAE (continued)

Bracharia decumbens
Angiopsora africana
Puccinia nyasalandica

Capillipedium parviflorum
Sphacelotheca pakistanica

Chrysopogon gryllus
Ustilago chrysopogonis

Cymbopogon confertiflorus
Sorosporium cornutum

Cynosurus effusus
Tilletia cynosuri

Digitaria bicornis
Diorchidium digitariae

Digitaria chinensis
Angiopsora digitariae

Digitaria ischaemum
Phyllosticta digitariae

Eragrostis tenuifolia
Tilletia bangalorensis

Erianthus munja
Rosellinia erianthi

Hyparrhenia hirta
Puccinia hyparrheniicola

Hyparrhenia variabilis
Puccinia hyparrheniae

Isachne dispar
Sphacelotheca monakai

Loudetia arundinacea
Phakopsora loudetiae

Loudetia superba
Puccinia loudetiae-superbae

Lygeum spartum
Ustilago sparti

Microstegium nudum
Sphacelotheca microstegii

Nassella pubiflora
Uromyces nassellae

Oplismenus compositus
Phakopsora oplismeni

Ottochloa nodosa
Puccinia ottochloae

Panicum millegiana
Puccinia millegiana

Panicum olivaceum
Angiopsora aurea

Panicum pectinatum
Puccinia nyasaensis

Panicum trypheron
Tilletia banarasa

Pappophorum mucronulatum
Puccinia pappophori

Paspalum scrobiculatum
Sorosporium paspalii

Pennisetum flaccidum
Sphacelotheca pennisetina

Perotis indica
Puccinia perotidis

Phragmites communis
Neovossia danubialis

Poa compressa
Puccinia poae-sudeticae forma specialis *poae*

Poa palustris
Puccinia poae-sudeticae forma specialis *poae*

Poa pratensis
Puccinia poae-sudeticae forma specialis *poae*

Poa trivialis
Puccinia poae-sudeticae forma specialis *poae*

Rottboellia compressa
Ustilago parasnathii

Saccharum officinarum
Arthrinium spegazzinii

Setaria lancea
Phakopsora setariae

GRAMINEAE (continued)

Snowdenia scabra
Uromyces snowdeniae

Spartina alterniflora
Pleospora pelagica

Sporobolus berteroianus
Uromyces sporoboloides

Stipa tucumana
Puccinia saltensis

Vetiveria zizanoides
Tilletia vetiveriae

GUTTIFERAE ?

Phakopsora parasnathii

HALORAGIDACEAE

Haloragis
Cercosporaella haloragidis

INSECTA

Aedes australis
Coelomomyces tasmaniensis

Aphodius
Lajassella aphodii

Chironomidae
Genistella chironomi

Chironomus plumosus
Genistella choanifera

Culex hortensis
Orphella culicis

Drosophila miranda
Pichia xylosa

Drosophila montana
Saccharomyces wickerhamii

Drosophila occidentalis
Trichosporon aculeatum

Drosophila pinicola
Saccharomyces kluyveri
Saccharomyces wickerhamii
Trichosporon aculeatum

Lecanium corni
Pullularia fermentans var. *benedekii*

Mesotaenium
Zygorhizidium verrucosum

Rhitione alpestris
Genistella rhitionae

Scale insects
Atractium indicum

Simulium equinum
Glotzia grassei
Harpella melusinae var. *eyziesi*
Paramoebidium simulii

INVERTEBRATA

Armadillidium simoni subsp. *assimile*
Asellaria armadillidi

Asellus aquaticus
Asellaria gramenei

Boettis bioculatus
Genistella mailleti

Boettis gemellus
Spartiella barbata

Eremoplastron bovis
Sphaerita hoari

Leptodesmus gasparae
Enterobryus sao-pauloi

Leptodesmus jucundus
Enterobryus bresiliens

Leptodesmus vagans
Enterobryus schubarti

Ligia mediterranea
Asellaria ligiae

Mardonius piceus
Daloala mardonii

Myriapoda
Andohaheloa pauliani

INVERTEBRATA (continued)

Philoscia couchii
Palavascia philosciae
Sphaeroma serratum
Palavascia sphaeromae
IRIDACEAE
Gladiolus
Curvularia trifolii forma specialis gladioli

JUNCAGINACEAE

Triglochin maritimum
Laetinaevia triglochinis

LABIATAE

Colebrookea oppositifolia
Olivea colebrookiana
Otostegia limbata
Uredo otostegiae
Salvia myriantha
Puccinia degener

LAURACEAE

Litsea dealbata
Phyllachora queenslandica
Neolitsea dealbata
Cryptocoryneum neolitseae
Eudimeriolum neolitseae
Persea gratissima
Cytosporella perseae
Gloeosporium perseae

LECYTHIDACEAE

Eschweilera luschnatii
Melanconium eschweilerae

LEGUMINOSAE

Acacia armata
Septoria acaciae
Acacia bursaria
Uredo acaciae-bursariae
Acacia decurrens
Diplodia acaciarum
Aeschynomene abyssinica
Uropyxis wiehei
Bauhinia anguinia
Cerotelium bauhiniae
Bauhinia heterophylla
Scopella bauhinicola
Bauhinia radcliana
Ophiociliomyces bauhiniae
Crotalaria retusa
Heterosporium luci
Edwardsia microphylla
Nectria kowhai
Glycine max

Diaporthe phaseolorum var. *caulivora*
Septogloea sojae

Hardenbergia monophylla
Cryptostictis macalpinei

Hymenaea martiana
Leptothyrium hymenaeicola

Laburnum anagyroides
Oidium laburni

Lespedeza sericea
Uromyces lespedezae-sericeae

Medicago sativa
Cercospora medicaginicola

Diplodina consocians
Diplodina medicaginicola
Heterosporium medicaginis
Leptosphaeria medicaginicola
Metaspheeria medicaginis
Mycosphaerella medicaginicola
Mycosphaerella medicaginis
Phoma coccum
Phoma medicaginicola
Pleospora medicaginis
Sphaeronema medicaginis

LEGUMINOSAE (continued)

Millettia auriculata
Maravalia millettiae
Millettia barteri
Hapalophragmium deightonii
Mimosa himalayana
Ravenelia mimosae-himalayanae

Piptadenia colubrina
Tilachliopsis piptadeniae

Pterocarpus marsupium
Uredo pterocarpi

Sophora glauca
Ravenelia sayeedii

Tamarindus indica
Uleodothis tamarindi

Ulex europaeus
Tapesia ulicis

LICHENES

Xanthoria polycarpa
Lichenoconium xanthoriae

LILIACEAE

Asphodelus ? cerasifer
Tuburcinia asphodeli

Colchicum luteum
Aecidium colchici

Hosta

Cercospora hostae
Tricyrtis macropoda

Macrophoma tricyrtidis

LYTHRACEAE

Lagerstroemia indica
Irenopsis lagerstroemiae

MALVACEAE

Hoheria populnea
Nectria pulverulenta

MELASTOMACEAE

Mouriria
Meliola camaragibeicola

MELIACEAE

Trichilia
Phragmidiella ugandana

MONIMIACEAE

Doryphora sassafras
Meliola doryphorae

MUSACEAE

Heliconia bihai
Heptaster hughesii

MYRTACEAE

Leptothyrium myrtacicola
Callistemon

Phyllachora langdonii

Eucalyptus

Arnaudiella bancroftii
Coccomyces martiniae
Cylindrosporium samuelii
Gloeosporiella eucalypti
Mycosphaerella martiniae
Pseudopeziza eucalypti

Eucalyptus

fasciculosa
Melanconium eucalypticola

Eucalyptus

odorata
Spilomyces dendriticus

Eucalyptus

oleosa
Peltosoma eucalypti

Jambosa malaccensis

Heptaster macroradiatus
Scolecoxyphium fraseriae

Psidium guajava

Phaeosaccardinula guajavae
Syzygium

Brookslia tropicalis

Chaetothyrium womersleyi

MYRTACEAE (*continued*)
Tristania
Mycosphaerella brunnea

OLEACEAE
Fraxinus
Phleospora samaricola

Olea
Leciographa decipiens

ONAGRACEAE
Epilobium palustre
Mycotodea palustris

ORCHIDACEAE
Cattleya
Colletotrichum servazzii

Stenorrhynchus
Uredo neopustulata

PALMAE
Borassus flabellifer
Diatrypella borassi

Cocos nucifera
Robillarda palmicola

Rhopalostylis sapida
Epithele nikau
Mycobonia disciformis

PIPERACEAE
Piper nigrum
Phaeosaccardinula pipericola

POLYGONACEAE
Coccoloba
Microcyclus coccolobae

Coccoloba paniculata
Stromatopycnis rosetum

Fagopyrum sagittatum
Phyllosticta fagopyri

Polygonum amplexicaule
Puccinia jorstadii

PONTIACEAE
Claytonia caroliniana
Endophyllum lacus-regis

Claytonia virginica
Physoderma claytonianum var. *sparrowii*

Lewisia rediviva
Uromyces unitus subsp. *montanensis*

Montia cordifolia
Ustilago nelsoniana

Montia sibirica
Puccinia mariae-wilsoniae var. *montiae*

Spraguea umbellata
Uromyces unitus subsp. *pacificus*

PROTEACEAE
Banksia integrifolia
Dothiorella banksiae

Grevillea robusta
Cercospora agharkari

PTERIDOPHYTA
Adiantum
Hyalopsora orientalis

Cyathea medullaris
Nectria cyathea

RHAMNACEAE
Hovenia dulcis
Cercospora udagawana

RHIZOPHORACEAE
Rhizophora mangle
Physalosporopsis rhizophorica

ROSACEAE
Cotoneaster integrerrima
Venturia inaequalis forma *specialis* *cotoneasteris*

Cotoneaster tomentosa
Venturia tomentosae

ROSACEAE (*continued*)
Fragaria chiloensis var. *ananassae*
Idriella lunata

Pyrus malus
Venturia inaequalis forma *specialis* *mali*

Rosa pendulina
Venturia muelleri

RUBIACEAE
Coffea excelsa
Rosellinia megalospora

Coffea robusta
Rosellinia didolotii

Galium palustre
Sympyosirinia galii

RUTACEAE
Boenninghausenia albiflora
Cladosporium boenninghauseniae

Citrus
Heterosporium luci

Citrus aurantium
Paropodia intermedia
Tripospermum pes-gallinae

Citrus limetta
Paropodia intermedia var. *setosa*

Zanthoxylum alatum
Marssonina zanthoxyl

SALICACEAE
Populus balsamifera
Mycosphaerella balsamopopuli

Populus tremula
Mollisiella olivaceobrunnea

Salix
Allophylaria schieferdeckeriana
Belonium flocculum
Pezicula paradoxa
Pezizella cuprea

Salix virens
Corticium salicicola

SANTALACEAE
Osyris alba
Apiospora camarae

SAPINDACEAE
Cupania
Leptothyrium cupaniæ

Paullinia
Meliola paulliniana

Talisia esculenta
Meliola talisiana

SAPOTACEAE
Achras zapota
Scopella sapotae

Lucuma nervosa
Achrotelium lucumæ

Pradosia lactescens
Meliola pradosiae

SOLANACEAE
Lycium barbarum
Otthia lycii
Phoma lycii
Steganosporium lycii

TILIACEAE
Tilia
Chaetomium crispatoideum

Tilia europaea
Elsinoe tiliae

ULMACEAE
Trema orientalis
Phyllosticta tremæ

Ulmus scabra
Septoria scabra

UMBELLIFERAE

Angelica polyclada
Septocylindrium angelicae
Angelica sylvestris
Sympyosirinia angelicae
Ferula clematidifolia
Puccinia ferulae-turkestanicae

VERTEBRATA

Homo sapiens
Aspergillus clavattonanicus
Microsporum nanum
Nocardia sebivorans
Pullularia fermentans
Pullularia fermentans var. *castellanii*
Pullularia fermentans var. *leaoi*
Rhinosporidium amazonicum
Sporobolomyces roseus var. *madurae*

VITACEAE

Cissus
Puccinia cissi

VOCHysiACEAE

Vochysia oblongifolia
Discoxiella vochysiae

WINTERACEAE

Pseudowintera colorata
Nectria egmontensis

ZINGIBERACEAE

Costus
Puccinia costina
Zingiber officinale
Puccinia zingiberis

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